

The highest was  $78^{\circ}$ , at Mangum on the 29th, and lowest,  $8^{\circ}$ , at Arapahoe on the 8th. The average precipitation was 0.66. The greatest monthly amount was 3.62, at Kemp, while no precipitation occurred at Buffalo.

*Oregon.*—The mean temperature was  $43.1^{\circ}$ , or  $6.0^{\circ}$  above normal; the highest mean for February on record. The highest temperature was  $80^{\circ}$ , at Langlois on the 19th, and the lowest,  $0^{\circ}$ , at Burns on the 29th. The average precipitation was 4.82, or  $0.18$  below normal. The greatest monthly amount, 19.34, occurred at Glenora, and the least, 0.09, at Silver Lake.

*Pennsylvania.*—The mean temperature was  $29.4^{\circ}$ , or  $0.6^{\circ}$  above normal. The highest was  $65^{\circ}$ , at Pittsburg on the 27th, and the lowest,  $21^{\circ}$  below zero, at Salem Corners on the 17th. The average precipitation was 4.90, or  $1.67$  above normal. The greatest monthly amount was 9.08, at Forks of Neshaminy, and the least, 1.94, at Altoona.

*South Carolina.*—The mean temperature was  $48.2^{\circ}$ , or  $1.8^{\circ}$  below normal. The highest was  $81^{\circ}$ , at Gillisonville on the 2d, and the lowest,  $8^{\circ}$ , Cheraw, Greenville, and Santee on the 21st. The average precipitation was 6.13, or  $2.47$  above normal. The greatest monthly amount was 8.70, at Pinopolis, and the least, 3.55, at Port Royal.

*South Dakota.*—The mean temperature was  $25.4^{\circ}$ , or about  $8^{\circ}$  above normal. The highest was  $79^{\circ}$ , at Vermilion on the 26th, and the lowest,  $28^{\circ}$  below zero, at Ashcroft on the 29th. The average precipitation was 0.52, or about the normal. The greatest monthly amount, 3.48, occurred at Webster, and the least, "trace," at Brookings and Parkston.

*Tennessee.*—The mean temperature was  $40.9^{\circ}$ , or slightly less than normal. The highest was  $75^{\circ}$ , at Cookeville on the 29th, and the lowest,  $3^{\circ}$  below zero, at Bristol on the 20th. The average precipitation was 4.58, or about 0.75 below normal. The greatest monthly amount was 9.75, at St. Joseph, and the least, 1.88, at Covington.

*Texas.*—The temperature on an average for the State was  $0.2^{\circ}$  below normal. There was a general deficiency over the southern and western portions, while it was above normal over the northwestern portion. The temperature ranged from normal to  $1.6^{\circ}$  below, over east Texas, the coast district, and the western portion of southwest Texas, while there was an excess ranging from  $0.1^{\circ}$  to  $1.9^{\circ}$  over north and central Texas

and the eastern portion of southwest Texas, with the greatest excess in the vicinity of Abilene. Maximum,  $92^{\circ}$ , at Fort Brown on the 29th. Minimum  $7^{\circ}$ , at Hartley on the 8th, and at Happy on the 2d. The precipitation on an average for the State was 0.35 above the normal. There was a general excess over the northeastern portion of the State, which ranged from 0.16 to 0.75 over the eastern portions of north, central, and southwest Texas, and from 0.80 to more than 3.06 over east Texas, with the greatest in the vicinity of Marshall and Palestine. The precipitation was below normal over the other portions of the State. Greatest local monthly precipitation, 13.10, Marshall; least local monthly precipitation, "trace," at Chillicothe, Hartley, and Haskell.

*Utah.*—The mean temperature was  $31.0^{\circ}$ , which is above the average. The highest was  $74^{\circ}$ , at St. George on the 25th, 27th, and 28th, and the lowest,  $16^{\circ}$  below zero, at Soldier Summit on the 5th. The average precipitation was 0.46, or considerably below the normal. The greatest monthly amount was 3.10, at Promontory, while none occurred at Giles.

*Virginia.*—The mean temperature was  $38.1^{\circ}$ . The highest was  $70^{\circ}$ , at Norfolk and Sunbeam on the 13th, and at Ashland on the 23d, and the lowest,  $10^{\circ}$  below zero, at Bigstone Gap on the 21st. The average precipitation was 4.26. The greatest monthly amount was 6.89, at Cape Henry, and the least, 1.60, at Alexandria.

*Washington.*—The mean temperature was  $40.8^{\circ}$ , or  $4.9^{\circ}$  above normal. The highest was  $76^{\circ}$ , at Southbend on the 6th, and the lowest,  $5^{\circ}$ , at Hunters on the 10th. The average precipitation was 5.17, or  $1.38$  above normal. The greatest monthly amount was 17.50, at Neahbay, and the least, 0.17, at Sunnyside.

*West Virginia.*—The mean temperature was  $33.4^{\circ}$ , or about  $2.0^{\circ}$  below normal. The highest was  $70^{\circ}$ , at Creston and Hewett on the 27th, and the lowest,  $15^{\circ}$  below zero, at Spencer on the 20th. The average precipitation was 3.26, or slightly above the average. The greatest monthly amount was 6.23, at Creston, and the least, 1.50, at Green Sulphur Springs.

*Wisconsin.*—The mean temperature was  $20.4^{\circ}$ , or  $3.3^{\circ}$  above normal. The highest was  $63^{\circ}$ , at Port Washington on the 27th, and the lowest,  $28^{\circ}$  below zero, at Antigo on the 19th. The average precipitation was 0.48, or  $1.06$  below normal. The greatest monthly amount was 1.58, at Sharon, and the least, 0.10, at Osceola Mills and Spooner.

## METEOROLOGICAL TABLES.

By A. J. HENRY, Chief of Division of Records and Meteorological Data.

Table I gives, for about 130 Weather Bureau stations making two observations daily and for about 20 others making only the 8 p. m. observation, the data ordinarily needed for climatological studies, viz., the monthly mean pressure, the monthly means and extremes of temperature, the average conditions as to moisture, cloudiness, movement of the wind, and the departures from normals in the case of pressure, temperature, and precipitation.

Table II gives, for about 2,400 stations occupied by voluntary observers, the extreme maximum and minimum temperatures, the mean temperature deduced from the average of all the daily maxima and minima, or other readings, as indicated by the numeral following the name of the station; the total monthly precipitation, and the total depth in inches of any snow that may have fallen. When the spaces in the snow column are left blank it indicates that no snow has fallen, but when it is possible that there may have been snow of which no record has been made, that fact is indicated by leaders, thus ( . . . ).

Table III gives, for about 30 Canadian stations, the mean pressure, mean temperature, total precipitation, prevailing wind, and the respective departures from normal values. Reports from Newfoundland and Bermuda are included in this table for convenience of tabulation.

Table IV gives detailed observations at Honolulu, Republic of Hawaii, by Curtis J. Lyons, meteorologist to the Government Survey.

Table V gives, for 26 stations, the mean hourly temperatures deduced from thermographs of the pattern described and figured in the Report of the Chief of the Weather Bureau, 1891-'92, p. 29.

Table VI gives, for 26 stations, the mean hourly pressures as automatically registered by Richard barographs, except for

Washington, D. C., where Foreman's barograph is in use. Both instruments are described in the Report of the Chief of the Weather Bureau, 1891-'92, pp. 26 and 30.

Table VII gives, for about 130 stations, the arithmetical means of the hourly movements of the wind ending with the respective hours, as registered automatically by the Robinson anemometer, in conjunction with an electrical recording mechanism, described and illustrated in the Report of the Chief of the Weather Bureau, 1891-'92, p. 19.

Table VIII gives the danger points, the highest, lowest, and mean stages of water in the rivers at cities and towns on the principal rivers; also the distance of the station from the river mouth along the river channel.

Table IX gives, for all stations that make observations at 8 a. m. and 8 p. m., the four component directions and the resultant directions based on these two observations only and without considering the velocity of the wind. The total movement for the whole month, as read from the dial of the Robinson anemometer, is given for each station in Table I. By adding the four components for the stations comprised in any geographical division one may obtain the average resultant direction for that division.

Table X gives the total number of stations in each State from which meteorological reports of any kind have been received, and the number of such stations reporting thunderstorms (T) and auroras (A) on each day of the current month.

Table XI gives, for 38 stations, the percentages of hourly sunshine as derived from the automatic records made by two essentially different types of instruments, designated, respectively, the thermometric recorder and the photographic recorder. The kind of instrument used at each station is indicated in the table by the letter T or P in the column following the name of the station.

Table XII gives a record of the heaviest rainfalls for periods of five and ten minutes and one hour, as reported by regular stations of the Weather Bureau furnished with self-registering rain gauges.

Table XIII gives the record of excessive precipitation at all stations from which reports are received.

Additional information concerning the tables will be found in the REVIEW for January, 1895.

#### NOTES EXPLANATORY OF THE CHARTS.

Chart I.—Tracks of centers of low pressure. The roman letters show number and order of centers of low areas. The figures within the circles show the days of the month; the letters *a* and *p* indicate, respectively, the 8 a. m. and 8 p. m., seventy-fifth meridian time, observations. The queries (?) on the tracks show that the centers could not be satisfactorily located. Within each circle is given the lowest barometric reading reported near the center. A blank indicates that no reports were available. A wavy line indicates the axis of a trough or long oval area of low pressure.

Chart II.—Tracks of centers of high pressure. The roman letters show number and order of centers of high areas. The figures within the circles show the days of the month; the letters *a* and *p* indicate, respectively, the 8 a. m. and 8 p. m., seventy-fifth meridian time, observations. The queries (?) on the tracks show that the centers could not be satisfactorily located. Within each circle is given the highest barometric reading reported near the center. A blank indicates that no

reports were available. A wavy line indicates the axis of a ridge of high pressure.

Chart III.—Total precipitation. The scale of shades showing the depth of rainfall is given on the chart itself. For isolated stations the rainfall is given in inches and tenths, when appreciable; otherwise, a "trace" is indicated by a capital T, and no rain at all, by 0.0.

Chart IV.—Sea-level isobars, surface isotherms, and resultant winds. The wind directions on this Chart are the computed resultants of observations at 8 a. m. and 8 p. m., daily; the resultant duration is shown by figures attached to each arrow. The temperatures are the means of daily maxima and minima and are not reduced to sea level. The pressures are the means of 8 a. m. and 8 p. m. observations, daily, and correspond to Professor Hazen's system of reduction; the barometer is not reduced to standard gravity, but the necessary reduction for 30 inches of the mercurial barometer is shown by the marginal figures for each degree of latitude.

Charts V.—Magnetic phenomena. For further explanation of this Chart see the section on "Meteorology and Magnetism" in the text of the REVIEW.

Chart VI.—Depth of snowfall and limits of freezing weather. Total depth of snowfall is shown in inches. (T. = Trace.) The southern limit of freezing weather is shown by the frost line of minimum 40° F. — — — — and by the freezing line of minimum 32° F. — — — —

Chart VII.—Depth of snow lying on the ground. The total depth of snowfall is shown in inches. T. = Trace. For the numerical details on which this Chart is based see Table II.

TABLE I.—Climatological data for Weather Bureau Stations, February, 1896.

Stations.	Elevation above sea-level, feet.	Length of record, years.	Pressure in inches.		Temperature of the air, in degrees Fahrenheit.				Humidity and precipitation.			Wind.		Total movement, miles.	Prevailing direction.	Miles per hour.	Direction.	Date.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Absolute maximum.	Year.	Monthly temperature data since opening station.						
			Mean pressure, 8 a.m. and 8 p.m. + 2.	Mean reduced.	Departure from normal.	Mean max. and min. + 2.	Departure from normal.	Maximum.	Date.	Mean minimum.	Greatest daily range.	Mean temperature of the dew-point.	Mean relative humidity, percent.	Precipitation, in inches.																	
														Days with 0.1 or more.																	
<i>New England.</i>																															
Eastport.	76	23	29.70	29.79	- .17	32.3	- .3	44	24	29	- 15	17	15	26	14	51	4.34 + 0.4	2.77 + 1.5	18	10,500	w.	60	e.	6	2	15	12	6.7	49	1886 - 20	1876
Portland, Me.	103	25	29.69	29.80	- .21	32.4	- 1.3	45	24	30	- 13	17	15	27	16	76	5.27 + 1.5	1.5	13	5,871	n.	42	s.	6	11	6	5.7	58	1890 * - 15	1894	
Northfield.	372	9	28.88	29.89	- .17	35.5	+ 1.6	50	42	36	- 30	18	15	43	10	79	4.45 + 1.8	1.6	16	6,442	se.	36	w.	3	11	9	5.5	50	1890 - 32	1889	
Boston.	125	26	29.71	29.85	- .20	38.7	+ 0.9	52	50	37	- 11	17	21	41	20	73	3.94 + 0.2	12	10	10,459	nw.	58	se.	6	11	6	5.2	64	1890 * - 11	1896	
Nantucket.	14	10	29.85	29.86	- .23	31.1	- 0.1	53	52	37	- 1	17	21	21	17	76	2.67 + 0.6	11	11	11,375	ne.	48	sw.	6	10	6	13	6.1	55	1890 - 1	*
Woods Hole.	18					30.0	- 1.3	50	52	36	- 6	17	21	21	17	74	4.26 + 0.7	13	14	8,843	w.	56	sw.	7	15	2	12	4.6	56	1890 - 6	1896
Vineyard Haven.	10					33.8	+ 0.5	52	42	34	- 4	17	21	21	17	74	5.01 + 1.8	16	16	16,052	nw.	55	e.	6	8	12	9	6.0	58	1890 - 4	1895
Block Island.	27	16	29.84	29.88	- .19	31.8	+ 0.3	50	42	33	- 3	17	21	21	17	74	4.85 + 0.1	12	16	16,052	nw.	55	e.	6	8	12	9	6.0	58	1890 - 14	1895
Narragansett Pier.	14					32.8	+ 0.3	50	42	33	- 3	17	21	21	17	74	4.55 + 0.7	9	11	11,375	ne.	48	sw.	17	1	11	11	6.0	58	1890 - 12	1896
New Haven.	107	24	29.75	29.87	- .22	32.6	+ 0.1	53	29	37	- 12	17	21	41	20	73	5.65 + 1.3	13	9,743	n.	54	e.	6	11	8	10	5.5	67	1890 - 11	1896	
<i>Mid. Atlan. States.</i>						35.1	- 1.2																								
Albany.	86	23	29.80	29.90	- .18	34.8	- 1.4	51	6	33	- 16	17	21	44	20	72	4.03 + 1.4	15	6,582	w.	48	e.	6	7	8	14	6.7	60	1890 - 18	1875	
New York.	314	24	29.54	29.90	- .32	30.2	- 2.0	56	6	38	- 1	6	17	21	17	73	5.50 + 1.6	13	14	10,402	w.	65	w.	6	7	9	12	6.0	69	- 6	1896
Harrisburg.	377	8	29.51	29.94	- .22	30.8	- 1.7	53	60	32	- 2	17	21	26	36	79	5.48 + 2.6	11	7,701	ne.	48	w.	6	5	12	12	6.2	64	1890 - 4	1895	
Philadelphia.	117	26	29.79	29.92	- .21	33.6	- 0.9	60	58	32	- 5	17	21	24	24	71	6.87 + 3.5	13	9,639	nw.	39	sw.	6	10	8	11	5.7	73	1874 - 3	1895	
Baltimore.	142	26	29.77	29.93	- .21	36.0	- 1.0	61	23	44	- 5	17	21	31	31	68	7.07 + 3.4	12	7,297	w.	40	w.	11	6	12	11	6.0	73	1874 - 1	1896	
Washington.	112	26	29.88	29.95	- .19	36.7	+ 0.6	60	23	45	- 8	17	21	30	35	67	5.31 + 1.9	13	7,913	ne.	42	w.	11	12	9	8	4.5	73	1874 - 2	*	
Cape Henry.	41.6					41.6	- 1.6	69	13	50	- 10	21	33	31	26	70	6.89 + 3.4	11	9,999	nw.	27	sw.	19	11	8	10	5.3	75	1874 - 5	1896	
Lynchburg.	685	35	29.92	29.98	- .16	42.8	- 0.9	70	13	52	- 11	21	34	30	34	76	4.53 + 0.6	12	8,440	sw.	56	sw.	6	12	5	12	5.7	81	1871 - 2	1895	
Norfolk.	57	26	29.80	29.96	- .18	42.8	- 0.9	70	13	52	- 11	21	34	30	34	76	4.54 + 1.5	12	8,440	sw.	56	sw.	6	12	5	12	5.7	81	1871 - 2	1895	
<i>S. Atlantic States.</i>						48.8	- 1.8																								
Charlotte.	773	18	29.15	29.99	- .16	41.3	- 1.6	70	27	54	- 6	21	35	36	30	64	5.40 + 0.9	10	6,733	sw.	42	sw.	19	12	8	9	4.8	79	1891 - 1	1895	
Hatteras.	11	16	29.97	29.98	- .15	46.6	- 1.1	66	52	15	- 21	21	32	32	40	73	5.96 + 1.3	12	12,668	w.	60	n.	18	9	8	12	5.7	73	1890 - 11	1895	
Kittyhawk.	9	20	29.95	29.96	- .17	43.6	- 1.9	68	13	51	- 11	21	36	35	36	73	5.16 + 3.2	12	12,732	sw.	66	sw.	6	14	4	11	5.8	80	1890 - 5	1896	
Raleigh.	388	9	29.56	30.00	- .18	42.8	- 1.2	71	1	53	- 8	21	35	35	35	67	6.73 + 2.6	12	6,058	sw.	34	sw.	19	7	11	11	5.8	81	1890 - 4	1895	
Wilmington.	78	26	29.92	30.01	- .13	48.7	- 2.0	72	52	15	- 12	21	40	35	35	73	4.74 + 1.3	10	7,777	sw.	48	sw.	6	13	5	14	5.5	81	1890 - 10	*	
Charleston.	52	26	30.01	30.06	- .06	52.4	- 1.3	72	1	61	- 18	21	44	39	44	79	4.04 + 0.5	9	6,770	sw.	48	w.	6	14	10	5	4.0	80	1890 * - 12	1895	
Columbia.	9					47.8	- 2.2	72	1	61	- 18	21	37	35	35	80	8.00 + 4.2	9	6,770	sw.	48	w.	13	10	6	11	5.6	82	1890 - 8	1895	
Augusta.	180	25	29.83	30.03	- .11	49.6	- 2.4	75	20	60	- 15	21	39	40	35	67	6.77 + 2.8	9	5,523	sw.	46	sw.	6	15	6	8	4.2	84	1890 - 8	1895	
Savannah.	98	26	29.96	30.06	- .11	53.6	- 0.6	72	21	61	- 21	21	43	32	40	69	2.99 + 0.2	10	6,936	sw.	40	w.	11	12	10	10	6.4	73	1891 - 12	1895	
Jacksonville.	43	25	30.02	30.07	- .08	57.2	- 2.2	66	27	73	- 27	18	47	39	44	70	1.66 + 1.7	8	6,935	sw.	48	w.	6	15	10	4	3.6	86	1891 - 14	1895	
<i>Florida Peninsula.</i>						63.5	- 3.6																								
Jupiter.	28	9	30.07	30.10	- .04	63.1	- 4.1	83	8	70	- 27	18	56	33	54	76	2.64 + 0.4	11	7,449	nw.	38	s.	6	10	6	13	5.7	87	1893 - 27	1895	
Key West.	22	26	30.09	30.11	- .01	68.0	- 3.8	80	5	52	- 21	18	64	13	59	76	2.11 + 0.8	9	8,935	ne.	39	sw.	6	11	8	10	5.2	87	1874 - 49	1895	
Tampa.	36	6	30.06	30.10	- .04	58.8	- 3.0	77	13	67	- 23	18	52	33	53	84	2.27 + 0.8	10	5,551	w.	48	se.	6	12	10	7	4.6	86	1890 - 1	*	
<i>East Gulf States.</i>						52.0	- 0.1																								
Shreveport.	249	25	29.77	30.04	- .09	50.9	- 0.9	72	27	60	- 31	9	42	33	32	66	3.04 + 2.2	9	5,698	se.	32	se.	12	12	8	12	5.3	81	1891 - 0	1895	
Fort Smith.	481	14	29.51	30.03	- .09	45.2	- 2.1	70	25	62	- 30	18	46	35	44	71	1.88 + 1.7	6	5,004	e.	30	n.	18	11	3	11	4.4	78	1893 - 11	1895	
Little Rock.	302	17	29.73	30.07	- .07	46.0	- 0.2	73	36	55	- 24	17	37	35	35	72	2.98 + 2.8	11	6,416	sw.	36	ne.	5	10	4	15	5.8	80	1897 - 12	1895	
Corpus Christi.	20	10	30.06	30.08	- .03	58.8	- 0.1	83	59	27	- 39	8	51	31	50	73	7.70 + 3.2	12	7,739	sw.	33	w.	6	14	5	10	4.8	88	1891 - 12	1895	
Galveston.	42	25	30.04	30.08	- .03	57.1	- 0.6	71	20	60	- 22	18	40	41	41	79	6.03 + 0.														

TABLE I.—Climatological data for Weather Bureau Stations, February, 1896—Continued.

Stations.	Elevation above sea-level, feet.	Length of record, years.	Pressure, in inches.	Temperature of the air, in degrees Fahrenheit.				Humidity and precipitation.				Wind.				Monthly temperature data since opening station.																			
				Mean pressure, a.m. and 8 p.m. + 2.		Mean reduced.		Departure from normal.		Mean maximum.		Mean minimum.		Greatest daily range.		Mean temperature of the dew-point.		Mean relative humidity, per cent.		Precipitation, in inches.		Total movement, miles.		Prevailing direction.		Maximum velocity.		Cloudy days.		Average cloudiness, tenths.		Absolute maximum.		Year.	
				Mean	Max. + 2.	Mean	Max. + 2.	Departure from normal.	Mean	Max.	Minimum.	Mean	Min.	Greatest daily range.	Mean	Max.	Mean	Min.	Days with 90 or more.	Miles per hour.	Date.	Direction.	Date.	Clear days.	Cloudy days.	Average cloudiness, tenths.	Absolute maximum.	Absolute minimum.	Year.						
<i>Up. Miss. Val.—Con.</i>																																			
Hannibal	534	29.42	30.02	—	—	32.2	—	66	39	1	20	26	35	30	25	74	1.74	0.7	6	7,291	n.w.	18	13	4	12	5.4	...								
St. Louis	571	26	29.41	30.05	—	—	36.8	6.9	75	45	5	20	29	35	30	73	2.81	0.1	6	8,823	n.w.	18	6	10	13	6.1	78	1890	—12	1895					
<i>Missouri Valley.</i>						32.6	+ 1.7	76	26	27	24	26	35	30	25	73	0.84	0.7	6	7,004	n.w.	10	9	6	14	6.4	76	1896	—16	1895					
Columbia	7	8	29.01	30.08	—	—	36.0	+ 2.0	76	26	46	5	20	26	21	26	1.58	1.5	6	7,004	n.w.	28	9	11	9	5.2	76	1896	—13	1895					
Kansas City	963	8	28.59	30.04	—	—	35.8	+ 3.7	76	26	45	9	20	30	27	41	0.82	0.7	6	6,481	n.w.	29	30	30	31	6.5	78	1890	—17	1895					
Springfield, Mo.	1,324	11	28.59	30.07	—	—	38.2	+ 1.3	71	26	48	13	21	30	26	35	69	2.35	1.2	6	7,665	n.	30	se	12	11	6	4	72	1896	—25	1893			
Topeka	9	1,123	28.82	30.07	—	—	37.4	+ 6.1	78	26	48	12	2	8	32	46	0.60	0.5	5	5,586	n.w.	28	10	10	9	7.8	78	1896	—14	1895					
Omaha	1,165	7	28.40	30.04	—	—	38.4	+ 9.4	75	26	43	12	2	8	32	49	18	59	0.32	0.3	4	8,036	n.w.	42	n.w.	18	13	7	9	5.3	75	1896	—23	1895	
Sioux City	1,470	21	28.40	30.04	—	—	37.7	+ 12.8	76	26	39	1	*	16	51	17	36	0.37	0.1	3	6,305	n.w.	36	n.w.	19	12	5	1	70	1895	—30	*			
Pierre	1,310	15	28.57	30.05	—	—	34.8	+ 11.7	68	26	39	1	*	16	54	14	69	0.46	0.0	5	9,168	n.w.	47	n.w.	27	12	10	7	5.1	68	1895	—33	*		
<i>Northern Slope.</i>						31.4	+ 9.6	72	26	39	1	*	16	56	14	69	0.55	0.2	6	7,168	n.w.	7	11	11	5.9	68	1895	—33	*						
Havre	2,477	16	27.28	30.00	—	—	26.0	+ 11.1	58	26	37	1	*	12	13	15	45	20	79	0.52	0.1	5	9,013	s.w.	49	s.w.	26	9	10	10	5.8	68	1886	—55	1887
Miles City	2,372	19	27.43	30.03	—	—	28.5	+ 12.3	58	26	46	1	*	12	13	17	52	20	75	0.51	0.0	5	5,445	s.	46	w.	26	11	10	8	5.0	68	1896	—45	1893
Helena	4,108	8	25.82	30.12	—	—	34.6	+ 12.2	60	25	42	1	*	3	21	29	32	33	63	0.59	0.1	6	6,951	s.w.	48	s.w.	26	11	6	12	5.3	65	1895	—41	1893
Rapid City	3,260	11	26.54	30.03	—	—	33.0	+ 11.0	67	25	49	10	*	21	29	37	45	18	59	0.22	0.6	5	7,233	n.w.	48	n.w.	27	7	18	4	5.1	72	1895	—40	1893
Cheyenne	6,105	25	23.93	30.18	—	—	30.6	+ 3.2	61	21	41	1	*	6	21	29	37	43	53	0.31	0.0	3	10,179	n.w.	58	n.w.	28	12	12	5	4.6	63	1886	—28	*
Lander	5,377	13	24.61	30.17	—	—	29.2	+ 7.2	59	25	42	1	*	1	1	16	37	15	61	0.26	0.2	4	2,974	s.w.	35	w.	26	16	10	3	3.7	61	1895	—54	1893
North Platte	2,826	22	27.05	30.09	—	—	36.6	+ 10.5	74	26	50	1	*	12	7	35	47	20	60	0.06	0.3	1	7,393	n.w.	39	n.w.	27	16	11	2	3.2	74	1896	—29	1893
<i>Middle Slope.</i>						39.1	+ 4.8	72	26	50	1	*	12	7	35	47	20	60	0.23	0.6	5	7,393	n.w.	39	n.w.	27	16	11	2	3.2	74	1896	—29	1893	
Denver	5,290	25	24.69	30.14	—	—	37.8	+ 4.8	68	26	50	9	*	5	26	36	16	46	0.24	0.3	3	6,621	s.	54	n.w.	28	12	14	3	4.3	77	1890	—22	1893	
Pueblo	4,734	8	25.23	30.12	—	—	36.8	+ 2.7	72	26	52	6	*	5	26	36	4	32	0.31	0.3	1	5,429	n.w.	38	n.w.	29	16	9	4	4.0	68	1896	—24	1893	
Concordia	1,410	11	28.52	30.08	—	—	37.4	+ 8.5	79	26	49	10	*	8	26	46	24	68	0.30	0.4	3	5,064	n.	29	n.w.	39	22	5	2.5	65	1896	—17	1895		
Dodge City	2,504	23	27.38	30.08	—	—	39.2	+ 6.9	75	26	53	14	*	9	25	49	33	62	0.21	0.5	0	7,359	n.	37	s.	27	33	5	2.5	73	1896	—20	1893		
Wichita	1,351	8	28.58	30.06	—	—	40.2	+ 2.8	78	26	52	16	*	7	25	43	32	62	0.37	1.0	4	6,656	n.	41	n.	27	17	5	3.2	71	1896	—13	1895		
Oklahoma	1,239	...	28.74	30.09	—	—	43.4	+ 3.3	73	26	55	16	*	8	32	43	32	72	0.14	1.0	2	6,750	n.	40	n.	27	19	6	4	3.1	71	1896	—	...	
<i>Southern Slope.</i>						37.2	+ 4.0	72	26	55	16	*	8	32	43	32	72	0.33	1.1	2	6,750	n.	40	n.	27	12	12	5	4.5	85	1890	—4	1895		
Abilene	1,749	11	28.23	30.10	—	—	50.2	+ 2.1	74	26	61	24	*	8	30	34	33	60	0.78	—	0.4	6	7,251	s.w.	46	n.w.	6	12	12	5	4.5	85	1890	—4	1895
Amarillo	3,691	26	26.24	30.11	—	—	40.2	*	73	28	53	13	*	8	28	49	21	57	0.41	—	8	11,073	n.	66	n.	27	12	10	7	4.7	...				
<i>Southern Plateau.</i>						49.3	+ 0.4	72	26	52	26	*	7	25	30	34	62	0.19	0.4	5	7,251	s.w.	46	n.w.	6	16	9	4	4.0	68	1896	—24	1893		
El Paso	3,767	18	26.22	30.11	—	—	47.6	+ 2.3	78	28	58	23	*	9	34	43	21	45	0.14	0.3	5	8,167	n.w.	45	w.	29	13	8	8	4.2	82	*	8	1895	
Santa Fe	6,998	24	23.22	30.13	—	—	43.0	+ 0.1	57	28	52	24	*	8	24	30	11	43	0.57	0.1	6	5,143	ne.	38	n.w.	28	18	5	3.8	73	1879	—11	1895		
Phoenix	1,106	...	28.88	30.06	—	—	55.7	+ 1.8	82	28	70	28	*	8	41	40	31	45	0.05	0.9	1	3,332	s.	34	n.w.	6	18	7	4	3.0	...				
Yuma	141	21	29.89	30.04	—	—	60.8	+ 1.8	91	28	75	34	*	8	47	42	27	30	0.00	0.5	0	5,487	n.	34	n.w.	7	20	8	1	2.3	91	1896	—25	1893	
Independence	3,884	...	26.13	30.12	—	—	47.2	*	72	26	61	26	*	13	33	37	17	32	0.00	—	0	6,516	n.w.	42	n.w.	29	22	5	2.1	...					
<i>Middle Plateau.</i>						38.2	+ 4.0	72	26	61	26	*	13	33	37	17	32	0.33	1.1	2	6,516	n.w.	42	n.w.	29	22	5	2.1	...						
Carson City	4,720	9	25.42	30.24	—	—	41.2	+ 5.6	64	26	54	15	*	15	24	30	15	45	0.26	0.7	3	7,219	s.w.	58	w.	28	9	15	5	4.4	69	1879	—2	1894	
Winemucca	4,340	18	25.79	30.24	+	0.09	36.6	+ 3.0	63	25	50	11	*	15	24	30	20	45	0.26	0.7	3	7,219	s.w.	58	w.	28	9	10	5	7	68	1879	—13	1894	
Salt Lake City	4,344																																		

TABLE II.—*Meteorological record of voluntary and other cooperating observers, February, 1896.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
<i>Alabama.</i>																		
Alco †.....	77	25	53.0	12.68	In.	Texas Hill* <sup>8</sup> .....	90	39	62.6	0.00		California—Cont'd.	°	°	°	In.	In.	
Ashville*†.....	72	14	45.1	3.78		Tucson a.....	82	25	54.2	0.10		Escondido.....	85	28	55.8	.....	.....	
Bermuda†.....	74	22	52.8	8.40		Tucson c†.....	83 <sup>1</sup>	26 <sup>1</sup>	53.2 <sup>1</sup>	0.08		Evergreen.....	.....	.....	.....	0.32		
Birmingham.....	70	22	49.7	4.39		Walnut Ranch*†.....	68	14	43.7	1.05		Fallbrook* <sup>1</sup> .....	86	35	54.6	T.		
Brewton.....	74	21	51.3	13.40		Wells.....	78	24	51.6	T.		Folsom City b* <sup>1</sup> .....	74	35	52.4	0.41		
Carrollton*†.....	68	22	49.0	5.90		Whipple Barracks†.....	69	10	38.8	0.30	2.0	Fordyce Dam.....	.....	.....	.....	1.80	10.0	
Citronelle†.....	70	29	54.5	6.05		Willgus†.....	.....	.....	.....	0.65	0.5	Fort Bragg†.....	80	30	52.4	2.97		
Claiborne†.....	.....	.....	.....	6.67		Willcox* <sup>1</sup> .....	67	20	47.6	.....	1.0	Fort Ross.....	.....	.....	.....	1.38		
Clanton†.....	70	20	48.5	4.53								Fort Tejon.....	.....	.....	.....	0.40		
Coll Irene* <sup>1</sup> .....	73	22	50.1	6.45								Georgetown†.....	70	29	49.6	0.77		
Cordova†.....	.....	.....	.....	5.49								Glendora.....	.....	.....	.....	0.00		
Daphne†.....	75	30	56.0	4.95	T.							Goshen* <sup>3</sup> .....	75	30	47.8	0.00		
Decatur†.....	71	8	43.6	6.74								Grass Valley.....	68	17	40.2	0.53	T. 2.0	
Demopolis†.....	.....	.....	.....	4.78								Greenville†.....	.....	.....	.....	0.00		
Elba†.....	73	20	48.1	8.38								Guinda.....	.....	.....	.....	0.00		
Eufaula a†.....	74	26	51.8	5.62								Healdsburg* <sup>1</sup> .....	70	34	52.1	0.28		
Eufaula c.....	.....	.....	.....	5.54								Hollister.....	78	30	52.8	0.07		
Evergreen†.....	74	23	50.4	8.24								Hueneme.....	.....	.....	.....	0.00		
Florence a†.....	71	13	44.8	8.20	T.							Humboldt L. H. ....	.....	.....	.....	4.38		
Florence b.....	71	13	44.8	7.10								Hydesville†.....	76	30	48.9	3.37		
Fort Deposit†.....	74	23	49.4	7.10								Indio* <sup>4</sup> .....	89	31	57.0	0.00		
Gadsden†.....	69	13	45.2	4.81								Iowa Hill* <sup>1</sup> .....	72	30	47.6	0.70		
Goodwater.....	71	16	45.2	4.36								Isabella.....	.....	.....	.....	0.10		
Greensboro†.....	70	22	48.0	4.66								Jackson.....	65	28	47.3	0.43		
Healing Springs†.....	75	18	49.1	6.52								Jolon.....	.....	.....	.....	0.03		
Highland Home†.....	73	25	51.7	5.79								Julian†.....	73	27	48.8	0.40	1.0	
Jasper.....	60	17	42.2	4.70								Keeler* <sup>8</sup> .....	68	34	48.4	0.00		
Livingston†.....	71	22	51.5	4.00								Keene* <sup>8</sup> .....	72	28	46.7	0.00		
Lock No. 4.....	.....	.....	.....	4.80								Kennedy Gold Mine.....	73	32	51.2	0.80		
Madison Station†.....	71	10	44.5	6.85	T.							Kernville.....	.....	.....	.....	0.00		
Marion†.....	70	20	48.6	5.50								King City* <sup>8</sup> .....	78	28	52.6	0.00		
Mount Willing†.....	75	21	52.0	6.65								Kingsburg* <sup>2</sup> .....	75	30	52.3	0.00		
Newbern†.....	70	22	49.2	5.17								Kono Tayee.....	67	36	49.7	0.25		
Newburg†.....	72	10	45.4	10.80								Lagrange* <sup>5</sup> .....	76	34	54.5	0.20		
Newton†.....	75	23	51.2	5.58								Laporte* <sup>1</sup> .....	58	13	36.8	2.84	8.0	
Opelika†.....	70	17	50.4	3.87								Lemoore a* <sup>8</sup> .....	77	30	52.8	0.00	T.	
Oxanna†.....	72	12	46.4	3.76								Lick Observatory†.....	67	25	46.5	1.08		
Pineapple†.....	71	23	45.6	2.93								Lime Kiln.....	82	31	55.0	0.46		
Pushmataha†.....	73	23	50.4	6.66								Lime Point L. H. ....	.....	.....	.....	0.46		
Rock Mills.....	73	13	46.8	.....								Lodi.....	75	34	52.8	0.21		
Scottsboro†.....	68	8	41.0	3.41								Los Alamos†.....	.....	.....	.....	0.00		
Selma†.....	.....	.....	.....	5.01								Los Gatos b.....	74	36	53.0	0.08		
Sturdevant.....	.....	.....	.....	2.36								McMullin* <sup>1</sup> .....	78	30	51.0	.....	0.5	
Talladega* <sup>1</sup> .....	69	16	46.5	6.40								Makaloff Mine* <sup>1</sup> .....	72	29	46.9	1.36		
Tallassee Falls.....	.....	.....	.....	.....								Mammoth Tank* <sup>3</sup> .....	88	32	61.6	0.00		
Tuscaloosa†.....	73	19	46.8	4.11								Manzana.....	68	23	44.2	0.00		
Tuscumbia.....	70	14	45.2	7.94								Mare Island L. H. ....	.....	.....	.....	0.31		
Union†.....	75	17	48.7	4.31								Merced* <sup>8</sup> .....	76	35	50.8	0.00		
Union Springs†.....	74	20	48.2	7.76								Middletown* <sup>1</sup> .....	74	30	48.2	0.06		
Uniontown†.....	70	27	50.6	5.26								Mills College.....	.....	.....	.....	0.40		
Valleyhead†.....	70	9	42.6	5.18								Milton (near)* <sup>1</sup> .....	77	41	57.3	0.10		
Warrior.....	.....	.....	.....	5.08								Modesto* <sup>5</sup> .....	75	37	49.9	0.00		
Wetumpka.....	.....	.....	.....	5.46								Mohave* <sup>8</sup> .....	72	30	50.1	0.00		
Wilsonville.....	.....	.....	.....	4.22								Mokelumne Hill* <sup>3</sup> .....	36	47.8	0.66			
<i>Alaska.</i>													Monterey* <sup>8</sup> .....	74	33	53.9	0.12	
Coal Harbor.....	43	-12	18.6	6.08	46.0								Mountain Home.....	.....	.....	.....	0.83	8.3
Killisnoo* <sup>1</sup> .....	50	-9	29.8	8.25	48.5								Mount Frazier†.....	.....	.....	.....	0.00	
Kodiak* <sup>1</sup> .....	36	-10	17.8	.....	.....								Mount Glenwood* <sup>1</sup> .....	72	40	56.6	0.10	
<i>Arizona.</i>													Mt. Lowe Observatory.....	.....	.....	.....	0.10	
Antelope Valley†.....	.....	.....	.....	0.00									Mutah Flat.....	.....	.....	.....	0.00	
Benson* <sup>8</sup> .....	90	38	58.4	0.00									Napa b.....	77	34	54.8	0.25	
Bisbee†.....	72	26	46.4	1.04									Needles†.....	85	30	56.8	0.00	
Buckeye†.....	92	30	60.5	0.00									Nevada City†.....	70	25	45.8	0.99	
Calabasas* <sup>5</sup> .....	74	17	46.7	0.37									Newcastle a†.....	72	33	51.6	0.66	
Casa Grande* <sup>8</sup> .....	85	34	55.8	0.00									Newhall* <sup>8</sup> .....	82	29	53.3	0.15	
Dragoon Summit* <sup>6</sup> .....	72	30	52.3	0.02	0.2								Nordhoff†.....	83	32	56.0	0.00	
Dudleyville†.....	78	24	50.2	0.32									Oakland a.....	71	38	53.4	0.24	
Eagle Pass* <sup>3</sup> .....	22	49.2	0.18	T.									Ogilby* <sup>8</sup> .....	103	48	66.5	0.00	
Farley's Camp.....	89	27	57.8	0.00									Oleta* <sup>1</sup> .....	72	31	47.0	0.87	
Flagstaff†.....	63	0	32.3	.....	12.0								Orange.....	85	34	56.8	0.00	
Fort Apache.....	64	10	37.6	0.33									Orgevalle†.....	70	30	51.0	0.20	
Fort Grant†.....	72	23	46.5	0.50	2.0								Ormond†.....	75	32	50.5	0.05	
Fort Huachuca†.....	70	23	46.0	0.18	1.5								Ormonde†.....	.....	.....	.....	0.98	
Gilabend a* <sup>8</sup> .....	96	32	59.2	T.									Orville b.....	80	40	52.6	0.38	
Gilabend b†.....	89	29	58.2	0.00									Palermo†.....	79	30	57.7	0.26	
Gisela†.....	78	18	47.6	0.20									Paso Robles b.....	72	26	48.4	0.02	
Glendale.....	82	26	52.4	0.00									Peachland* <sup>1</sup> .....	74	34	50.1	0.40	
Holbrook†.....	71	15	37.6	0.23	2.0								Picacho.....	88	40	63.0	0.00	
Inglewood.....	82	27	55.4	0.10									Piedras Blancas L. H. ....	.....	.....	.....	0.03	
Maricopa* <sup>8</sup> .....	95	28	51.4	0.00									Pigeon Point L. H. ....	.....	.....	.....	0.24	
Mount Huachucia†.....	69	20	44.6	0.36	3.0								Pilot Creek.....	.....	.....	.....	1.47	4.0
Natural Bridge†.....	.....	.....	.....	.....	T.								Placerillo b.....	67	25	44.8	0.78	
Oracle†.....	70	26	48.7	0.27	2.0								Point Ano Nuevo L. H. ....	.....	.....	.....	0.02	

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>California—Cont'd.</i>																				
Poway* <sup>3</sup>	84	30	46.4	In.s.	T.	First View* <sup>6</sup>	68	18	37.9	In.s.	2.0	Amelia†	79	27	55.6	In.s.	1.96	In.s.		
Quincy†	63	21	40.2	0.65	T.	Fleming	.....	.....	0.55	.....	5.5	Archer†	83	27	58.4	3.43				
Ravenna* <sup>8</sup>	77	30	54.0	0.00		Fort Collins†	68	4	33.4	0.03	2.0	Avonpark†	85	35	61.6	3.27				
Redding b†	73	31	52.5	0.79		Fox	.....	.....	0.20	.....	2.0	Bartow†	81	32	58.2	2.55				
Reedley (near)* <sup>1</sup>	76	36	53.1	0.20		Garnett	64	8	32.9	0.33	4.0	Brooksville†	80	31	57.4	1.60				
Reprea	70	32	51.8	0.22		Gleneyrie†	64	8	32.9	0.48	5.9	Clermont†	82	34	59.2	3.95				
Rio Vista	72	33	51.7	0.22		Goldhill <sup>1</sup>	64	9	32.1	0.48	5.9	Earnestville	83	31	59.0	3.03				
Riverside†	83	35	57.5	0.00		Grand Junction†	58	17	37.2	0.05	T.	Eustis†	84	30	58.5	2.67				
Robertson's Mills	.....	.....	.....	0.07		Greeley†	64	9	32.8	0.18	1.7	Federal Point†	83	29	56.6	2.57				
Roe Island L. H.	.....	.....	.....	0.15		Gulch†	60	-3	24.8	0.50	7.0	Fort Meade†	81	28	56.8	1.73				
Roseville (near)	.....	.....	.....	0.10		Gunnison†	38	-29	4.1	0.12	1.2	Frostproof* <sup>1</sup>	82	35	59.1	2.31				
Rosewood	72	28	48.6	0.30		Holly	.....	.....	T.	.....	.....	Grasmere†	82	32	58.7	3.42				
Sacramento a	73	35	52.5	0.16		Holyoke a	.....	.....	T.	.....	.....	Hypoluxo* <sup>1</sup>	84	36	64.1	2.66				
Salton* <sup>4</sup>	95	33	65.6	0.00		Holyoke b	.....	.....	0.40	.....	4.0	Kissimmee†	77	30	58.4	2.54				
San Bernardino†	85	30	56.4	0.00		Hugo* <sup>1</sup>	64	18	39.1	0.15	1.5	Lake City†	77	30	58.4	2.54				
San Jacinto	85 <sup>b</sup>	25 <sup>b</sup>	52.0	0.10		Hugo (near)†	62	4	31.4	0.30	4.0	Lemon City†	85	37	65.8	3.75				
San Jose b	80	28	52.0	0.27		Husted†	69	-9	34.9	0.37	3.5	Macclenny†	89	35	55.1	2.86				
San Leandro* <sup>1</sup>	84	41	57.4	0.25		Jamestown	52	-2	27.4	0.74	10.0	Manatee†	83	30	56.9	4.45				
San Luis L. H.	.....	.....	.....	0.00		Kit Carson* <sup>1</sup>	68	16	37.2	.....	5.5	Merritts Island†	82	35	61.8	2.26				
San Mateo* <sup>3</sup>	73	41	56.0	0.24		Lake Moraine†	48	-12	18.4	1.25	15.5	Milton†	.....	.....	.....	6.05				
San Miguel* <sup>3</sup>	73	30	52.6	0.00		Laporte	.....	.....	0.30	.....	3.0	Mullet Key†	71	42	59.8	3.04				
San Miguel Island†	84	38	57.0	0.00		Las Animas†	71	9	35.8	0.23	2.0	Myerst	82	39	62.3	2.24				
San Rafael†	.....	.....	.....	0.11		Lay* <sup>1</sup>	50	-15	17.8	1.80	18.0	New Smyrna†	78	31	57.8	3.34				
Santa Ana* <sup>5</sup>	86	40	61.0	0.00		Leadville (near)* <sup>1</sup>	45	-9	18.5	1.00	10.0	Oakhill* <sup>1</sup>	77	34	61.1	.....				
Santa Barbara a	85	40	61.2	0.00		Leroy†	67	10	35.6	0.24	2.4	Ocala* <sup>1</sup>	83	31	56.8	3.14				
Santa Barbara L. H.	.....	.....	.....	0.00		Longmont†	71	5	33.8	0.50	5.0	Orange City†	83	32	58.0	3.82				
Santa Clara a* <sup>6</sup>	76	36	54.3	0.20		Meeker†	52	-24	21.4	1.37	13.8	Orangepark	80	25	55.6	2.32				
Santa Cruz b†	89	33	55.2	0.25		Millbrook†	57	-17	25.0	0.52	6.0	Orlando†	84	33	59.3	3.95				
Santa Cruz L. H.	.....	.....	.....	0.30		Minneapolis†	71	10	38.2	T.	T.	Plant City†	84	33	59.5	3.63				
Santa Maria	85	35	56.9	0.00		Monte Vista	54	-9	35.0	0.20	4.8	St. Francis†	86	34	60.0	3.75				
Santa Monica* <sup>8</sup>	81	40	60.3	0.00		Montrose†	67	-1	33.5	0.60	6.0	St. Francis Barracks	81	29	56.3	1.63				
Santa Paula b†	83	36	58.8	0.00		Moraine†	54	-10	27.4	0.22	2.5	Tallahassee†	72 <sup>c</sup>	27 <sup>c</sup>	52.9 <sup>c</sup>	3.66				
Santa Rosa* <sup>8</sup>	73	35	51.1	0.69		Ouray†	45	-2	25.3	3.00	30.0	Tarpon Springs†	80	32	57.8	3.09				
Saticoy	.....	.....	.....	0.00		Pagoda	48	-20	19.6	1.55	15.5	<i>Georgia.</i>	.....	.....	.....	.....				
Shasta	.....	.....	.....	0.89		Paonia†	.....	.....	0.18	.....	1.8	Adairsville†	69	9	43.0	3.67	T.			
Shasta Springs†	66	23	41.6	1.00		Parachute†	52	5	32.2	0.04	0.4	Albany†	75	22	52.2	8.99				
Snedden's Ranch*	64	10	38.4	0.00		Pueblo	.....	.....	.....	.....	2.5	Allentown	90	24	56.2	2.93				
S. E. Farallone L. H.	.....	.....	.....	0.35		Rangely†	44	-17	13.6	0.32	3.2	Americus†	74	19	50.3	6.21				
Stanford University	73	35	52.7	T.		Redcliff	.....	.....	0.66	.....	6.6	Atlanta	.....	.....	.....	.....	T.			
Stockton a	73	35	52.8	0.19		Rico†	49	-11	23.0	1.40	14.0	Augusta	77	55	52.6	9.52	T.			
Summerdale* <sup>5</sup>	62	20	43.4	0.40	4.0	Riverbend* <sup>5</sup>	70	10	37.0	.....	6.0	Blakely* <sup>6</sup>	70	23	53.0	4.33	T.			
Susanville†	62	22	41.3	0.05		Rockyford†	72	1	35.6	0.18	2.5	Brunswick	.....	.....	.....	4.17	T.			
Sutter Creek†	68	24	44.5	0.45		Ruby†	.....	.....	5.50	55.0	55.0	Canton†	71	6	40.8	5.82	T.			
Tecate Dam* <sup>4</sup>	81	22	42.8	0.16		Saguache†	50	-5	24.0	T.	T.	Clayton†	71	13	45.3	2.67	T.			
Tehama* <sup>8</sup>	73	37	53.9	0.10		Sc. Cloud†	.....	.....	0.00	.....	.....	Columbus	71	6	40.8	5.77	T.			
Templeton* <sup>6</sup>	77	28	47.2	0.00		San Luis†	61	-19	36.2	0.49	5.0	Covington	71	13	45.3	2.67	T.			
Trinidad L. H.	.....	.....	.....	3.17		Santa Clara* <sup>1</sup>	52	-3	28.0	2.90	29.0	Dahlonega†	73	6	44.2	4.81	T.			
Truckee* <sup>8</sup>	56	8	30.8	0.40	4.0	Seibert†	.....	.....	0.20	2.0 <sup>c</sup>	2.0 <sup>c</sup>	Diamond†	68	3	39.2	3.70	T.			
Tulare b	90	28	55.6	0.04		Smoky Hill Mine†	58	-4	30.6	0.40	4.0	Dublin b†	.....	.....	.....	7.97				
Tulare c	90	28	55.6	0.01		Stamford* <sup>1</sup>	48	-6	21.5	0.70	7.0	Elberton	76	12	46.2	4.91				
Turlock b†	79	30	51.8	0.08		Steamboat Springs	44	-29	16.1	0.60	6.0	Fleming†	79	15	53.2	3.11				
Ukiah†	72	29	48.8	1.50		Sterling	.....	.....	T.	.....	.....	Fort Gaines†	69	24	50.2	6.45				
Upper Lake	78	30	51.1	0.90		Sulphur Springs	43	-13	16.6	0.98	9.8	Gillsburg†	75	10	45.8	2.14				
Upper Mattole* <sup>1</sup>	84	34	52.5	3.59		Surface Creek†	61	2	30.4	1.00	10.0	Hephzibah* <sup>6</sup>	68	29	48.0	7.70	T.			
Vacaville a* <sup>1</sup>	78	36	54.1	0.15		Thon†	72	3	33.8	0.45	4.5	Lagrange†	73	15	47.1	4.65	T.			
Ventura†	86	38	58.2	T.		T. S. Ranch†	58	6	32.9	0.21	2.2	Louisville†	75	13	48.2	8.39	T.			
Volcano Springs* <sup>8</sup>	94	40	62.5	0.00		Twin Lakes	.....	.....	0.98	4.8	4.8	Lumpkin	74	20	51.0	5.84				
Walnut Creek	76	33	53.2	0.30		Villas	.....	.....	0.10	1.0	1.0	Macon†	.....	.....	.....	5.85	T.			
Watervale	.....	.....	.....	0.52		Wallet†	58	15	31.3	0.11	1.2	Marietta†	71	9	44.2	3.75	T.			
Washington* <sup>1</sup>	73	22	47.8	0.34	0.5	Watkins†	72	10	36.7	0.02	0.5	Marshallville†	71	18	51.0	8.08				
West Point†	.....	.....	.....	0.52		Wray†	58	15	31.3	0.11	1.2	Milledgeville†	74	18	49.7	6.72				
Wheatland	71	34	51.2	0.29		Yuma	.....	.....	0.20	2.0	2.0	Millen†	79	18	49.2	8.14				
Williams* <sup>3</sup>	73	35	53.1	0.18		<i>Connecticut.</i>	50	-7	29.2	6.32	10.2	Monticello* <sup>1</sup>	70	23	49.0	4.10				
Willows b* <sup>8</sup>	73	38	55.1	0.10		Bridgeport	50	-19	25.0	0.36	16.0	Morgan†	75	20	51.6	8.68				
Wilmington* <sup>5</sup>	85	41	60.9	0.00		Canton†	52	-19	25.0	0.36	16.0	Point Peter* <sup>1</sup>	66	21	51.2	9.77				
Wire Bridge* <sup>5</sup>	73	30	51.2	0.58		Colchester	53	-10	28.2	8.34	5.5	Poutian†	76	21	51.2	9.77				
Yerba Buena L. H.	.....	.....	.....	0.10		Falls Village	50	-14	24.6	8.33	17.0	Quitman	78	23	52.8	5.11				
Yreka†	65	20	41.0	1.08	T.	Greenfield Hill	50	-11	28.0	7.89	13.1	Ramsey†	71	6	44.1	4.11	T.			
Yuba City* <sup>5</sup>	68	44	53.2	0.32		South Manchester	52	-11	28.0	6.64	11.0	Resaca†	.....	.....	.....	4.84	T.			
Engineers Quarters†	.....	.....	.....	0.08		Storrs	53	-13	25.5	7.10	16.5	Reynolds	.....	.....	.....	6.53				
Morses House†	.....	.....	.....																	

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		
<i>Idaho—Cont'd.</i>	o	o	o	Ins.	Ins.		<i>Illinois—Cont'd.</i>	o	o	o	Ins.	Ins.		<i>Iowa—Cont'd.</i>	o	o	o	Ins.	Ins.		
Idaho Falls.	50	-15	15.6	0.40	4.0		Ottawa †	61	-9	26.0	1.65	12.8		Charles City †	62	-10	23.6	0.30	4.6		
Junction †.	50	5	30.4	1.95	12.0		Palestine †	68	-1	33.6	2.47	3.5		Clarinda †	69	-2	28.6	0.34	2.0		
Kootenai †.	54	-10	22.6	1.40	14.0		Paris	71	-4	35.4	.....	.....		Clinton	62	-12	25.4	1.92	15.5		
Lake †.	32	-10	22.6	1.10	0.5		Peoria a†	65	-2	30.2	1.95	12.0		College Springs	74	0	32.8	0.07	.....		
Lewiston †.	70	25	43.2	0.11	1.1		Peoria b†	70	-4	31.1	1.57	1.5		Corning †	71	0	30.9	0.30	3.0		
Lost River †.	58	-3	20.8	0.15	0.0		Philo †	74	-6	34.7	2.50	T.		Cresco †	56	-13	21.7	0.14	1.5		
Martin †.	58	7	32.0	0.26	0.4		Plumhills † <sup>5</sup>	66	-8	29.5	1.88	6.8		Davenport	58	-11	23.2	.....	11.0		
Minidoka †.	61	24	40.8	1.27	.....		Rantoul † <sup>1</sup>	62	-8	26.6	1.17	8.0		Decorah †	59	-8	22.6	0.62	.....		
Moscow †.	57	5	31.6	3.59	34.0		Reynolds	57	-14	22.9	1.50	14.0		Delaware * <sup>3</sup>	70	-4	27.4	T.	.....		
Murray †.	55	-6	18.8	0.45	T.		Robinson * <sup>3</sup>	68	-2	31.4	2.15	2.0		Denison †	65	-13	21.7	0.14	1.5		
Nampa †.	67	20	39.1	0.37	T.		Rockford †	58	-10	24.4	2.40	19.8		Dows	65	-9	25.5	0.35	2.5		
Oakley †.	64	13	36.7	0.20	2.0		Rose Hill † <sup>1</sup>	70	0	32.1	1.40	4.0		Dubuque	64	-12	24.4	0.44	3.6		
Orchard †.	76	15	37.0	0.37	1.3		Rushville	68	-14	30.0	1.73	9.5		Elkader †	54	-13	24.4	0.44	3.6		
Paris †.	50	-13	20.8	0.72	.....		St. Charles *† <sup>1</sup>	56	-14	24.9	2.20	20.0		Emmetsburg	75	-14	24.4	0.05	0.2		
Payette †.	74	20	44.3	0.30	0.2		St. John *† <sup>1</sup>	70	-8	38.2	2.43	.....		Esterfield	69	-10	25.3	0.07	0.7		
Pollack †.	64	.....	0.40	T.			Scales Mound †	58	-4	26.2	0.85	8.2		Fairfield †	62	-8	27.0	2.15	16.5		
Roseberry †.	46	-8	21.8	0.94	4.0		Springfield	60	-7	27.8	1.15	11.5		Fayette †	59	-10	24.5	0.31	3.0		
Salubria †.	54	5	32.8	1.30	7.4		Streator †	60	-12	23.9	2.03	19.0		Forest City	67	-12	22.6	0.30	1.2		
Soldier †.	41	-6	18.8	1.33	12.5		Sycamore *† <sup>1</sup>	56	-12	24.4	1.53	16.0		Fort Madison *† <sup>1</sup>	67	-3	31.6	1.56	8.0		
Swan Valley †.	47	-17	21.6	0.57	5.5		Tiskilwa *† <sup>1</sup>	59	-2	32.3	2.22	4.0		Galva	73	-4	27.4	0.10	1.0		
Warren †.	58	-12	29.6	3.15	.....		Walnut †	63	-10	27.8	1.57	15.3		Gardengrove	61	-6	27.0	0.98	6.0		
<i>Illinois.</i>															Grand Meadow *† <sup>1</sup>	54	-10	23.1	0.28	3.8	
Albion †.	67	2	36.3	1.30	T.										Greenfield †	69	-4	29.6	0.70	6.3	
Alexander †.	69	0	32.2	1.69	10.0										Grinnell †	65	-7	27.2	0.85	1.3	
Altamont * <sup>5</sup> .	64	-4	31.8	1.36	T.										Grundy Center	63	-8	25.9	0.25	1.5	
Ashton *† <sup>1</sup> .	58	-18	31.4	1.62	14.5										Gutierrez Center	71	-3	29.2	0.35	3.0	
Atlanta.	.....	.....	.....	2.09	9.0										Hampton	64	-10	24.3	0.41	3.0	
Atwood a*† <sup>1</sup> .	70	-6	28.2	3.17	6.5										Hawkeye	66	.....	.....	0.66	6.5	
Atwood b.	.....	.....	.....	2.14	.....										Bloomington	68	-2	29.2	0.76	6.5	
Aurora.	66	-14	29.2	1.91	.....										Bluffton †	66	-8	27.5	0.29	3.0	
Aurora b†.	60	-13	25.0	1.93	17.6										Butterville †	68	-8	24.2	0.59	5.8	
Beardstown †.	.....	.....	.....	1.90	3.0										Cambridge City †	61	-8	1.83	7.8	.....	
Bloomington †.	66	-8	29.2	2.55	10.3										Columbia City * <sup>1</sup>	60	-6	27.6	1.88	12.8	
Bushnell †.	68	-6	29.2	1.40	14.8										Columbus	68	-6	32.8	2.00	4.5	
Carroll.	.....	.....	.....	1.8	.....										Connerville	67	-7	31.6	1.60	5.0	
Cambridge.	61	-6	27.4	1.10	9.8										Delphi.	62	-8	28.8	1.72	3.0	
Carlinsville.	72	2	33.3	2.76	4.0										Edwardsville *† <sup>1</sup>	68	-1	36.1	2.77	7.6	
Carlyle.	.....	.....	.....	2.62	.....										Evansville †	72	-2	36.4	1.71	2.5	
Carrollton.	69	2	31.8	1.24	7.4										Farmland †	64	-4	30.6	1.90	11.2	
Catlin †.	68	-4	31.3	0.45	2.0										Franklin †	68	-4	32.6	2.83	8.5	
Cazenovia *† <sup>1</sup> .	58	-8	26.9	1.60	9.0										Greencastle †	65	-5	31.2	2.21	5.5	
Charleston *† <sup>1</sup> .	69	-3	31.7	1.99	4.2										Hammond †	48	-12	26.8	3.40	31.0	
Chemung * <sup>1</sup> .	58	-15	22.4	1.93	20.0										Huntington	65	-6	28.3	1.75	9.6	
Chester †.	.....	.....	.....	2.09	2.0										Indianapolis	65	-6	31.4	1.80	5.2	
Chicago.	74	6	35.9	1.69	.....										Jasper †	70	-5	36.8	2.00	6.0	
Cisne *† <sup>1</sup> .	62	-10	26.4	0.97	9.2										Jeffersonville	68	-4	37.3	2.89	9.5	
Clear Creek †.	62	2	30.2	1.94	12.0										Kokomo †	64	-6	30.6	1.85	3.2	
Coatsburg †.	64	-2	30.2	1.93	.....										Lafayette †	65	-5	30.0	1.64	0.8	
Cobden †.	74	9	38.4	1.45	13.2										Logansport b	59	-8	32.9	0.73	4.5	
Cordova †.	.....	.....	.....	2.91	7.0										Madison †	69	-10	24.2	0.59	5.8	
Decatur †.	66	-2	31.4	2.04	.....										Marengo *† <sup>1</sup>	63	-5	30.7	0.42	2.5	
Dixon †.	60	-14	24.4	0.74	13.0										Mason City †	65	-2	26.0	0.54	0.2	
Duquoine * <sup>1</sup> .	73	6	39.0	2.49	.....										Mechanicsville	60	-7	25.3	1.14	11.5	
East Peoria †.	61	-9	28.7	1.80	9.5										Monticello *† <sup>1</sup>	51	-12	21.3	0.84	6.3	
Effingham * <sup>10</sup> .	58	-11	26.8	1.68	8.0										Mountaynt †	70	-2	29.6	0.95	6.5	
Evanson †.	57	-11	24.7	1.06	9.8										Mount Pleasant *† <sup>1</sup>	60	-7	28.5	1.05	14.0	
Fort Sheridan †.	65	-3	30.4	1.70	8.0										Mount Vernon *† <sup>1</sup>	59	-10	25.5	.....	.....	
Frederick * <sup>5</sup> .	65	2	30.0	2.07	17.5										Newton †	67	-6	27.7	0.63	4.0	
Friend Grove †.	62	-9	26.6	0.80	14.0										Ogden	71	-6	28.8	0.53	3.3	
Galva †.	62	-9	23.4	1.94	12.0										Osgage *† <sup>2</sup>	60	-10	22.0	0.13	3.3	
Gilmant.	64	-9	30.2	1.94	12.0										Ottumwa	69	-4	29.3	2.40	11.8	
Glenwood *† <sup>1</sup> .	48	-18	25.6	1.38	16.5										Panama †	72	-2	29.2	0.23	2.3	
Golconda †.	71	12	41.0	1.64	1.0										Portsmouth	72	-2	30.2	0.11	1.1	
Grafton †.	.....	.....	.....	2.47	3.5										Pringhar	70	-8	27.4	0.27	0.5	
Greenville †.	75	2	35.4	3.92	3.0										Reinbeck	70	-12	23.0	0.05	0.5	
Griggsville †.	68	0	32.4	2.16	10.3										Rock Rapids	71	-5	27.4	0.54	3.0	
Halliday * <sup>5</sup> .	70 <sup>d</sup>	9	36.9	2.32	T.										Sac City †	71	-5	27.4	0.54	3.0	
Havana †.	67	-1	33.0	2.13	10.0										Seymour †	67	-5	31.0	1.98	12.0	
Herrins Praire * <sup>1</sup> .	66	10	38.4	2.00	0.2										Sibley	68	-10	26.3	0.33	3.2	

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Kansas—Cont'd.	°	°	°	In.	In.	Kentucky—Cont'd.	°	°	°	In.	In.	Maryland—Cont'd.	°	°	°	In.	In.
Coldwater †	76	15	39.3	0.00		Greendale * <sup>1</sup>	65	—	1	34.9	2.93	Baltimore	°	°	°	.....	2.0
Collyer * <sup>2</sup>	84	18	41.2	T.	Greensburg *†	69	—	2	36.7	3.86	Boettcherville * <sup>1</sup>	62	0	34.2	3.10	9.0	
Columbus †	72	14	37.8	0.98	Harrods Creek †	74	—	2	36.5	.....	Burkittsville	59 <sup>a</sup>	4 <sup>b</sup>	33.2 <sup>c</sup>	4.22 <sup>d</sup>	5.0 <sup>e</sup>	
Concordia					Henderson †	75	—	3	41.2	1.81	Cambridge †	62	—	2	38.0	7.19	T.
Coolidge †	70	5	35.8	0.00	Leitchfield †	69	—	1	35.6	3.35	Charlotte Hall †	64	5	36.8	4.87	T.	
Cunningham †	79	10	38.5	0.12	Lexington †						Cherryfields †				36.8	4.62	0.5
Dodge City					Lola †	66	—	7	37.8	1.64	Chestertown	60	6	34.2	6.12	T.	
Downs					Louisiana †	70	—	3	35.9	4.20	Collegepark	58	7	35.8	5.51	0.2	
Dresden *†	72	11	37.3	0.20	Louisiana b <sup>1</sup>	70	—	6	37.4	.....	Cumberland b	65	1	35.8	8.01	1.5	
Effingham	78	4	37.3	.....	Louisville						Darlington †	61	—	2	32.8	5.12	4.0
Eldorado †	74	12	39.0	0.30	Marrowbone †	70	—	2	38.2	3.47	Deerpark	57	—	10	37.2	3.57	18.0
Elk City * <sup>1</sup>	75	8	40.2	0.26	Maysville * <sup>1</sup>	66	—	5	38.2	.....	Denton †	65	5	39.2	6.05	T.	
Ellinwood * <sup>3</sup>	78	14	34.7	0.04	Mount Sterling †	67	—	1	34.3	3.02	Easton †	63	7	36.2	5.96	0.5	
Emporia †	74	5	38.2	0.40	Owenton †	68	—	1	35.1	2.49	Ellicott City	58	12	36.8	5.51	.....	
Englewood †	80	12	38.8	T.	Paducah a						Falston * <sup>1</sup>	60	3	33.1	6.35	3.5	
Eureka †					Paducah b	75	—	12	40.7	2.05	Flintstone	57	—	3	34.2	3.13	4.7
Eureka Ranch †	77	9	37.4	0.02	Pleasure Ridge Park †	72	—	2	35.7	3.55	Frederick a	60	6	34.7	6.15	0.2	
Fort Riley †	79	5	38.0	0.46	Princeton †	74	6	35.2	.....	Frederick b	60	—	6	36.5	.....	.....	
Fort Scott					Pryorsburg †	81	9	41.5	2.48	Grantsville	58	—	7	37.4	4.77	14.5	
Frankfort	82	9	38.8	0.64	Richmond	55	0	33.6	2.60	Greatfalls * <sup>3</sup>	55	9	35.6	5.50	.....		
Garden City	75	10	37.4	0.00	Russellville †	77	5	41.4	3.48	Greenspring Furnace	59	3	33.1	3.65	2.0		
Garfield					Shenandoah * <sup>1</sup>	69	—	12	35.8	4.25	Hagerstown †	61	4	34.8	4.58	.....	
Girard * <sup>1</sup>	72	14	36.7	0.73	Shelby City * <sup>1</sup>	71	—	2	37.9	2.92	Jewell †	62	8	37.1	5.60	T.	
Goodland †					Shelbyville						Johns Hopkins Hospital	60	5	34.2	.....	.....	
Gove *†	73	15	38.1	0.00	Southfork * <sup>2</sup>	72	—	4	35.5	2.58	McDonogh *	56	2	34.3	.....	.....	
Grainfield * <sup>3</sup>	84	20	44.3	T.	Springfield †	69	—	2	37.0	4.11	Mardela Springs †	64	9	36.6	6.23	0.5	
Grenola	74 <sup>a</sup>	10	38.7	T.	Williamsburg †						Mt. St. Mary's College	60 <sup>a</sup>	6 <sup>b</sup>	32.4 <sup>c</sup>	5.16	T.	
Halstead <sup>d</sup>	78	9	35.8	0.26	Louisiana						New Market	57	4 <sup>b</sup>	36.2 <sup>c</sup>	5.97	2.0	
Hays †	90	12	41.6	T.	Abbeville	75	—	24	55.8	5.15	Oakland †	60	—	7	27.4	4.29	.....
Horton †	76	8	35.2	0.75	Alexandria †	74	—	29	52.0	14.11	Pocomoke City	66	10	40.2	6.52	0.2	
Hutchinson †	75	16	43.6	0.34	Amitie †	76	—	23	53.6	4.40	Princess Anne	65	9	36.2	6.80	T.	
Independence	76	8	39.4	0.57	Bastrop †	74	—	26	50.2	6.67	Sharpsburg	58	5	33.0	4.57	0.5	
Jaquith †	72	9	36.2	0.04	Baton Rouge †	80	—	28	53.9	5.12	Solomon †	58	12	37.4	6.44	0.2	
Lawrence †	76*	8	36.5	0.53	Calhoun †	72	—	26	48.2	6.27	Sunnyside	57	12	26.5	5.45	17.3	
Lebo †	79	6	37.2	0.32	Cameron †	73	—		3.99	.....	Upper Marlboro †	60	7	35.7	6.86	T.	
Lyons	84	11	41.6	0.26	Chenyeville †	74	—	30	50.3	9.09	Van Bibber	58	4	32.9	5.49	T.	
Macksville †	78	12	36.6	T.	Coushatta b†	73	—	27	49.0	7.12	Western Port	57	—	2	30.6	2.40	2.0
McPherson †	78	12	35.0	0.25	Covington	71	—	25	53.6	5.16	Westminster	59	1	34.9	6.46	3.0	
Manhattan b	81	1	37.0	0.56	Davis	74	—	24	48.3	9.00	Woodstock	60	3	34.4	5.65	0.5	
Manhattan c					Donaldsonville †	75	—	30	58.3	4.51	Massachusetts						
Marion †	77	6	37.6	0.70	Elm Hall	73	—	28	53.1	.....	Adams	50	—	18	25.3	.....	16.0
Meade †	78	18	43.0	0.00	Emilie †	72	—	31	55.0	4.99	Amherst	57	—	13	26.9	4.77	13.5
Medicine Lodge †	79	13	39.0	0.28	Farmerville	74	—	26	48.8	4.77	Amherst Ex. Station b	53	—	14	26.6	4.67	15.5
Minneapolis †	78	12	36.5	0.10	Franklin †	73	—	29	55.9	8.40	Andover	46	—	14	25.2	.....	.....
Morantown †	75	12	37.8	0.45	Grand Coteau	76	—	35	55.2	4.71	Ashland				7.02	.....	.....
Morton †	76	11	39.3	T.	Hammond †	73	—	26	53.4	4.57	Attleboro				6.18	.....	.....
Mouthoppe * <sup>1</sup>	76	18	39.6	0.30	Houston	74	—	26	56.2	3.70	Bedford	52	—	12	26.2	5.45	16.2
Ness City †	65	18	39.4	T.	Jeanerette †	75 <sup>a</sup>	—	31	57.0	5.44	Beverly Farms	47	—	15	26.6	6.05	19.0
New England Ranch †	74	14	38.8	0.04	Lafayette †	74	—	31	55.0	6.87	Blenheim (summit)	51	—	16	26.2	4.45	15.0
Norton	74	7	34.9	T.	Lake Charles †	76	—	33	58.2	4.70	Bluehill (valley)	52	—	13	27.4	4.44	4.46
Norwich * <sup>1</sup>	76	12	40.7	0.20	Lake Providence	80	—				Boston (W. B.)						9.5
Oberlin †					Liberty Hill †	78	—	24	51.4	5.88	Brockton a	52	—	12	38.0	3.68	6.2
Olathe †	78	10	37.0	0.75	Maurepas	77	—	36	54.9	4.60	Brockton b				3.80	.....	.....
Oswego *†	18	43.8	0.67	0.0	Melville †	71	—	50	53.8	6.00	Brockton c				4.47	.....	.....
Ottawa †	78	8	39.2	0.26	Monroe	72	—	29	49.1	6.05	Cambridge a	55	—	13	28.5	4.35	.....
Paola †	73	13	36.9	0.20	Natchitoches	74	—	26	50.8	7.89	Cambridge b	51	—	10	26.0	5.62	.....
Phillipsburg	68	12	37.6	0.20	New Iberia	70	—	32	54.2	5.05	Chestnut Hill	56	—	13	28.6	5.45	13.0
Pleasant Dale †	79	13	39.2	0.01	Oakridge †	74	—	25	48.8	7.29	Clinton				6.25	.....	.....
Pratt	75	13	38.0	T.	Opelousas †	78	—	20	53.6	6.84	Cohasset				4.60	7.0	.....
Rome *†	74	17	40.3	0.32	Oxford †	76	—	24	48.8	6.30	Concord †	54	—	14	25.9	5.04	15.9
Russell †	79	12	38.9	0.05	Paincourtville †	78	—	30	56.2	4.32	Dudley †	51*	—	16	25.6	4.50	10.0
Romea * <sup>1</sup>	74	17	40.3	0.5	Plain Dealing †	72	—	28	48.4	4.89	East Templeton * <sup>1</sup>	48	—	18	33.9	4.36	15.0
Salina * <sup>1</sup>	73	9	37.1	0.18	Rayne †	76	—	32	55.4	7.82	Egg Rock, Nahant	46	—	12	26.8	4.44	4.46
Scott City †	74	13	38.8	T.	Ruston †	73	—	29	49.3	6.33	Fallriver	51	—	10	29.8	5.84	6.5
Sedan †	80	9	41.2	0.25	Schriever †	76	—	29	54.5	5.79	Fiske Dale				6.82	11.0	.....
Sharon Springs * <sup>1</sup>	78	15	39.1	T.	Shell Beach	73	—	37	52.7	3.76	Fitchburg a * <sup>1</sup>	49	—	15	24.1	6.95	18.0
Topeka					Shreveport						Fitchburg b	52	—	16	24.2	6.96	19.0
Tribune †					Southern University †	73	—	29	54.1	2.90	Framingham	54	—	12	37.5	5.85	.....
Ulysses †	73	6	36.0	T.	Sugar Ex. Station †	73	—	32	54.6	3.98	Groton	50	—	16	24.1	5.60	20.5
Wakefield * <sup>1</sup>	78	9	38.1	0.41	Sugartown †	73	—	29	51.7	11.78	Hadley	52	—	16	23.4	3.94	10.0
Wallace * <sup>1</sup>	73	13	37.8	T.	Tiblodeaux						Hobbs Brook	52	—	4	32.6	3.34	4.0
Wamego * <sup>1</sup>	76	3	35.6	0.72	Trinity †	74	—	31	53.1	9.65	Hyannis †	52	—	16	26.6	4.0	.....
Wellington * <sup>1</sup>	74	14	41.3	0.34	Venice †	73	—	32	56.6	2.30	Hyde Park * <sup>1</sup>	57	—	12	28.1	6.04	17.0
Wichita					Wallace	74	—	31	56.4	5.92	Lake Cochituate	57	—	12	28.1	5.57	17.0
Winfield * <sup>1</sup>	72	12	41.0	0.25	West End						Lawrence	54	—	15	25.8	5.57	

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
<i>Massachusetts—Con'd.</i>							<i>Michigan—Cont'd.</i>	°	°	°	<i>Ins.</i>	<i>Ins.</i>		<i>Mississippi—Cont'd.</i>	°	°	°	<i>Ins.</i>	<i>Ins.</i>	
Natick <sup>1</sup>	0	0	0	<i>Ins.</i>	<i>Ins.</i>		St. John's	55	-10	24.2	1.66	14.8		Canton <sup>†</sup>	69	25	49.6	12.73		
New Bedford <i>a</i>	53	-14	26.0	8.65	16.8		Sandbeach <i>a</i>	49	-3	23.2	0.38	3.8		Crystal Springs <sup>†</sup>	89	26	49.1	11.79		
New Bedford <i>b</i>	48	-10	28.8	4.43	.....		Saranac	55	-12	23.8	1.03	10.0		Edwards	70	27	50.0	12.04		
North Billerica	53	-9	29.8	4.33	4.2		Sault Ste Marie	.....	.....	.....	.....	16.2		Fayette <sup>†</sup>	75	27	51.7	12.26		
Pittsfield	46	-12	27.8	4.76	21.0		Sidnaw	53	-28	16.4	1.70	17.5		French Camps <sup>†</sup>	70	16	46.2	11.39		
Plymouth <sup>1</sup>	53	-9	31.0	4.73	6.8		Somerset	59	-7	24.0	1.11	13.4		Fulton <sup>†</sup>	70	13	46.3	8.75		
Princeton	.....	.....	.....	4.68	22.0		South Haven	55	-7	25.0	1.66	12.0		Greenville <i>a</i>	68	30	47.6	4.93		
Provincetown	49	-3	29.4	.....	5.5		Stanton	54	-18	22.5	1.35	13.0		Itta Bena <sup>†</sup>	72	24	46.5	5.24		
Quinapoxet	.....	.....	.....	7.90	20.9		Thornville	53	-8	24.6	1.23	16.5		Jackson <sup>†</sup>	71	27	48.0	4.68		
Roberts Dam	56	-9	19.5	5.96	.....		Three Rivers	62	-7	29.1	1.10	11.0		Kosciusko <sup>†</sup>	86	27	49.4	12.74		
Salem	56	-9	12.5	5.64	.....		Thunder Bay Island <sup>1</sup>	39	-2	23.2	.....	20.2		Lake <sup>†</sup>	71	21	47.9	9.38		
Salisbury	53	-10	21.5	5.37	18.0		Vandalia	60	-7	27.9	2.22	20.2		Leakesville	70	26	52.8	9.12		
Somerset <sup>1</sup>	54	-13	30.7	6.07	7.5		Ypsilanti	57	-13	24.2	1.04	10.2		Logtown <sup>†</sup>	74	23	52.2	7.19		
South Clinton	56	-15	25.2	4.45	18.5		<i>Minnesota.</i>	56	-26	12.2	0.44	5.8		Louisville <sup>†</sup>	70	20	49.2	12.94		
Springfield Armory	55	-15	25.2	4.73	19.0		Adat	62	-13	22.4	0.17	1.7		Magnolia	74	24	52.9	5.82		
Sterling	.....	.....	.....	6.41	11.0		Albert Leaf	62	-13	22.4	0.69	7.1		Meot	75	23	50.8	6.70		
Taunton <i>b</i>	53	-11	28.5	5.67	.....		Alexandria <sup>†</sup>	63	-30	10.6	T.	T.		Mosspoint <sup>†</sup>	70	28	53.4	5.60		
Taunton <i>c</i>	51	-11	28.8	5.67	.....		Arctyle <sup>†</sup>	62	-17	18.6	0.88	8.0		Natchez <sup>†</sup>	75	29	53.5	9.70		
Turners Falls	48	-14	24.6	2.74	.....		Belleplain <sup>†</sup>	50	-12	18.5	0.01	0.1		Okolona <sup>†</sup>	69	26	49.3	9.52		
Vineyard Haven	.....	.....	.....	3.0	.....		Bird Island	64	-16	21.0	0.18	1.8		Palo Alto <sup>†</sup>	70	21	47.8	12.49		
Wakefield <sup>†</sup>	53	-16	27.4	5.25	13.5		Blooming Prairie <sup>†</sup>	58	-13	21.6	0.25	2.5		Pontotoc <sup>†</sup>	72	18	47.4	7.61		
Waltham	53	-16	27.4	4.50	.....		Bonniwell <sup>†</sup>	55	-15	19.8	T.	T.		Port Gibson <sup>†</sup>	76	29	51.6	12.64		
Webster	53	-14	27.0	5.20	15.0		Breeset <sup>†</sup>	46	-37	7.6	0.14	1.9		Rosedale <sup>†</sup>	70	23	45.2	4.06		
Westboro <sup>†</sup>	53	-14	27.0	2.29	11.5		Caledonia <sup>†</sup>	56	-12	22.0	0.21	2.6		Stonington <sup>1</sup>	72	30	52.2	.....		
Williamstown <sup>1</sup>	45	-14	24.2	3.51	17.5		Camden <sup>†</sup>	60	-12	23.4	0.27	4.5		Thornton <sup>†</sup>	70	27	49.2	6.63	T.	
Winchendon	56	-14	24.2	4.60	.....		Collegeville	56	-17	20.9	0.06	2.4		Topton <sup>†</sup>	70	24	53.0	4.20		
Woods Hole	56	-14	24.6	2.3	.....		Crookston <sup>†</sup>	51	-25	12.1	0.97	9.7		Vaiden <sup>†</sup>	80	21	48.8	10.52		
Worcester <sup>a</sup>	51	-15	24.6	4.43	1.5		Dawson <sup>†</sup>	60	-16	16.2	0.72	6.2		Water Valley <sup>†</sup>	71	18	45.2	4.52		
<i>Michigan.</i>							Detroit City <sup>†</sup>	51	-25	15.4	1.09	10.1		Waynesboro <sup>†</sup>	75	22	48.0	4.75		
Adrian	63	-10	26.3	1.05	7.4		Duluth	.....	.....	.....	.....	.....		Woodville <sup>†</sup>	72	30	52.3	8.28		
Albion	56	-6	25.7	1.29	12.0		Faribault <sup>†</sup>	63	-13	23.2	0.08	2.0		Yazoo City <sup>†</sup>	75	24	48.2	8.71		
Allegan	55	-10	26.6	2.04	20.5		Farmington <sup>†</sup>	63	-16	19.6	0.25	3.5		<i>Missouri.</i>						
Alma	56	-16	23.6	1.06	10.5		Fergus Falls <sup>†</sup>	55	-18	15.7	0.56	5.6		Akron	.....	.....	.....	0.54	6.0	
Alpena	.....	.....	.....	6.6	.....		Glencoe <sup>†</sup>	64	-13	24.7	0.03	.....		Arthur <sup>†</sup>	18	35.7	1.03	T.		
Ann Arbor	50	-5	24.4	1.20	11.2		Glenwood <sup>†</sup>	57	-18	16.8	0.65	7.5		Bethany	75	22	32.2	1.14	6.5	
Arbela	52	-14	23.2	0.93	7.5		Grand Meadow <sup>†</sup>	57	-17	19.8	0.18	2.5		Bigpiney	76	10	38.9	1.35	T.	
Ball Mountain	47	-12	23.0	0.92	9.1		Grand Portage <sup>†</sup>	46	-48	9.4	0.97	.....		Birchtree	70	5	35.5	2.07		
Baraga	56	-22	16.8	0.70	11.8		Granite Falls <sup>†</sup>	64	-14	21.8	0.18	2.0		Boonville <sup>†</sup>	70	8	35.8	1.73	5.0	
Battle Creek	59	-7	25.5	1.50	18.2		Hutchinson <sup>†</sup>	60	-15	19.5	0.20	2.0		Carrollton <sup>†</sup>	71	8	35.8	1.73	5.0	
Benton Harbor	59	-3	28.0	3.34	18.4		Long Prairie <sup>†</sup>	52	-20	15.6	0.24	2.8		Cedarpark <sup>†</sup>	73	3	37.1	2.44	1.9	
Berlin <sup>1</sup>	52	-14	23.5	1.45	12.5		Lutsen <sup>†</sup>	50	-27	13.6	0.85	7.0		Concordia <sup>†</sup>	71	7	34.6	0.41	2.0	
Berrien Springs	59	-5	26.8	2.00	20.0		Luverne <sup>†</sup>	62	-6	27.4	0.40	4.8		Conception <sup>†</sup>	71	14	33.8	0.84	0.8	
Birmingham	50	-7	24.4	1.10	10.0		Mapleplain <sup>†</sup>	60	-15	19.8	0.29	3.3		Cowgill <sup>†</sup>	66	8	35.3	1.16	2.0	
Boon	50	-24	18.2	1.35	3.3		Maplewood <sup>†</sup>	58	-15	18.8	0.25	2.5		Dicksville <sup>†</sup>	65	3	32.2	1.90	13.5	
Bronson	60	-8	26.0	0.87	8.5		Mazeppa <sup>†</sup>	46*	-12	21.8	0.10	1.0		Downing	72	14	33.8	1.41	15.0	
Calumet	44	-14	16.8	1.26	15.8		Pelican	51*	-38	11.6	0.64	7.0		East Lynne <sup>†</sup>	72	8	37.0	2.17	0.8	
Charlevoix	50	-14	21.9	0.81	8.1		Lesueur	70	-14	23.8	0.25	2.5		Edgehill <sup>†</sup>	72	14	35.8	0.68	0.9	
Cheboygan	50	-24	17.6	0.97	13.0		Lutzen <sup>†</sup>	52	-20	15.6	0.24	2.8		Eightmile <sup>†</sup>	71	14	35.8	1.57	1.0	
Clinton	62	-13	25.5	1.00	9.2		Luverne <sup>†</sup>	62	-6	27.4	0.40	4.8		Eldon <sup>†</sup>	76	10	38.2	1.57	1.0	
Detroit	51	-2	25.4	0.85	8.5		Mapleplain <sup>†</sup>	60	-15	19.8	0.25	2.5		Elmira <sup>†</sup>	78	6	34.2	1.11	10.1	
Fairview	51	-2	25.4	0.85	8.5		Mazeppa <sup>†</sup>	46*	-12	21.8	0.62	7.2		Farmersville	73	5	35.0	0.82	2.5	
Fitchburg	56	-18	23.9	1.38	14.0		Pelican	61	-17	19.2	0.26	2.6		Fayette	73	5	35.0	1.71	8.8	
Flint	54	-23	23.0	0.64	8.0		Minneapolis <sup>†</sup>	61	-15	20.4	0.26	2.6		Fulton	70	16	36.0	1.60	8.0	
Gladwin	54	-23	23.0	0.80	8.0		Minneapolis (W. B.)	63*	-15	19.8	0.17	1.9		Gallatin <sup>†</sup>	73	5	33.0	0.90	2.0	
Grand Haven	56	-10	24.9	1.91	14.1		Minneapolis City <sup>†</sup>	57	-12	22.8	0.19	1.5		Gayoso <sup>†</sup>	14	37.4	2.67	T.		
Grand Rapids <i>a</i>	56	-4	25.0	1.11	8.5		Montevideo <sup>†</sup>	64	-14	20.0	0.60	4.9		Gordonville <sup>†</sup>	12	36.6	2.70	1.5		
Grand Rapids <i>b</i>	52	-8	26.8	1.02	11.8		Headroom	.....	.....	.....	.....	.....		Gorin <sup>†</sup>	66	1	29.0	1.66	10.9	
Grape	52	-29	19.8	1.23	12.0		Morris <sup>†</sup>	58	-16	18.4	0.65	7.1		Grovedale	76	5	36.8	1.90	7.6	
Grayling	50	-29	19.8	1.23	12.0		Mount Iron <sup>†</sup>	48	-30	11.3	0.42	3.2		Halfway	72	12	36.8	1.56	3.5	
Hanover	59	-5	28.0	1.38	13.5		New London	53	-20	17.6	0.10	1.0		Hannibal	73	11	36.9	1.72	7.8	
Harbor Springs	56	-18	20.2	0.95	9.5		New Richland <sup>†</sup>	64	-13	21.5	.....	.....		Harrisonville <sup>†</sup>	81	12	36.2	0.69	1.0	
Harrison	52	-22	19.8	0.97	9.7		New Ulm <sup>†</sup>	68	-13	24.4	0.07	0.5		Hastain	73	11	37.4	1.59	0.2	
Harrisville	44	-13	20.1	0.97	9.7		Pine River <sup>†</sup>	50	-27	12.5	0.45	4.5		Hermann <sup>†</sup>	73	11	37.4	2.38	0.7	
Hart	52</																			

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Missouri—Cont'd.</i>	°	°	°	In.	In.	<i>Nebraska—Cont'd.</i>	°	°	°	In.	In.	<i>Nebraska—Cont'd.</i>	°	°	°	In.	In.
New Haven <sup>1</sup> .	70	8	39.4	2.83	6.0	Beaver City.	71	11	37.4	0.06	T.	Strang <sup>1</sup> .	78	5	35.1	0.38	3.0
New Madrid.	74	14	44.0	3.55	4.0	Belknap <sup>1</sup> .	74	12	36.4	0.10	1.0	Stratton.	75	6	34.2	0.05	...
New Palestine <sup>†</sup> .	—	—	—	1.00	5.2	Bluehill <sup>1</sup> .	78	10	38.2	0.08	1.0	Superior <sup>5</sup> .	64	6	31.2	0.76	3.2
Oakfield <sup>†</sup> .	74	4	36.6	2.67	3.0	Bratton <sup>1</sup> .	76	4	33.3	0.32	2.5	Sutton.	—	—	—	0.03	...
Oakmound.	—	—	—	1.99	T.	Brokenbow <sup>1</sup> .	78	10	35.9	0.01	0.1	Syracuse.	—	—	—	—	—
Oakridge <sup>4</sup> .	—	8	36.2	1.36	0.1	Burchard <sup>1</sup> .	78	10	35.8	T.	T.	Tecumseh <sup>a</sup> .	80	5	33.6	0.30	3.0
Olden.	73	14	40.1	1.92	T.	Burwell <sup>1</sup> .	73	8	33.2	0.10	1.0	Tekamah <sup>b</sup> .	—	—	—	0.13	1.2
Oregon <sup>a</sup> .	79	6	35.2	0.87	3.6	Callaway <sup>†</sup> .	73	8	31.9	0.05	1.0	Theford <sup>†</sup> .	70	8	31.6	0.10	1.0
Oregon <sup>b</sup> <sup>1</sup> .	78	5	33.2	0.71	3.1	Central City <sup>5</sup> .	70	10	35.1	0.02	0.2	Turlington <sup>†</sup> .	79	6	31.3	0.32	2.7
Oseola <sup>†</sup> .	—	—	—	0.60	—	Chester <sup>1</sup> .	74	9	32.9	0.38	2.0	Wakefield.	—	—	—	0.20	2.0
Oto.	—	—	—	1.32	1.0	Columbus <sup>†</sup> .	77	7	33.6	T.	T.	Weeping Water <sup>†</sup> .	73	0	28.9	0.42	3.5
Palmyra <sup>6</sup> .	68	0	31.8	2.80	11.0	Cornelia.	—	—	—	Whitman.	—	—	—	—	—		
Phillipsburg <sup>†</sup> .	71	12	36.1	1.81	3.2	Creighton <sup>†</sup> .	74	2	27.9	0.05	0.5	Wilber <sup>1</sup> .	82	10	35.8	0.28	...
Pickering <sup>3</sup> .	74	4	33.2	0.66	5.8	Crete.	78	6	34.3	0.19	1.8	Wilkinsville <sup>*</sup> .	70	10	35.2	0.05	1.0
Platte River <sup>3</sup> .	68	6	31.0	0.81	1.5	Culbertson.	70	10	30.4	0.12	T.	Woodlawn.	—	—	—	0.31	...
Poplarbluff.	75	15	43.4	4.00	1.0	Curtis <sup>a</sup> .	70	7	30.5	0.25	1.0	York <sup>*</sup> .	80	10	34.0	0.00	—
Potosi.	75	3	34.8	2.15	4.0	David City <sup>†</sup> .	72	7	35.0	T.	Nevada.	Austin.	58	5	33.4	0.05	0.5
Princeton <sup>1</sup> .	71	0	33.8	1.70	9.0	Divide <sup>1</sup> .	76	12	35.0	T.	Battle Mountain <sup>1</sup> .	60	18	36.1	0.10	0.5	
Rhineland.	72	5	35.8	2.48	5.0	Dunning <sup>†</sup> .	63	10	31.9	0.05	0.5	Belmont.	54	8	32.2	0.01	0.5
Rolls.	—	—	—	1.79	2.8	Edgar <sup>1</sup> .	76	8	34.8	0.35	3.5	Beowawe <sup>*</sup> .	62	12	33.8	T.	T.
St. Charles.	75	4	36.6	3.24	5.8	Ericson <sup>†</sup> .	80	7	31.6	T.	Candelaria.	71	15	43.2	T.	T.	
St. Joseph <sup>†</sup> .	75	5	35.6	2.83	1.0	Ewing.	—	—	—	Carlin <sup>1</sup> .	65	0	22.9	0.05	0.5		
St. Louis (W. B.).	—	—	—	—	Fairbury <sup>†</sup> .	74	10	34.8	0.18	0.2	Carson City.	67	16	39.2	0.10	0.4	
Sarcocie <sup>2</sup> .	17	35.8	1.21	2.0	Fairmont <sup>†</sup> .	76	10	34.4	0.19	2.5	Carson City (W. B.).	—	—	—	0.1	—	
Shelbina.	—	—	—	1.80	6.0	Fort Robinson.	65	7	34.4	0.50	5.0	Cloverdale <sup>1</sup> .	70	20	39.4	T.	0.0
Sikeston.	78	14	42.8	3.12	3.0	Franklin <sup>†</sup> .	81	7	35.5	0.00	0.0	Elko <sup>*</sup> .	60	15	29.4	0.30	0.0
Springfield.	—	—	—	—	Geneva <sup>†</sup> .	77	5	33.3	1.25	0.5	Elko (near).	64	4	36.8	0.05	0.5	
Steffenville.	—	—	—	2.20	5.5	Genoa <sup>†</sup> .	73	10	30.4	0.09	0.7	Ely.	56	0	29.8	0.20	2.0
Stellada <sup>†</sup> .	75	10	36.5	0.85	T.	Gering <sup>†</sup> .	66	1	31.3	0.36	3.6	Empire Ranch <sup>†</sup> .	57	—	29.8	0.09	1.0
Sublett.	65	—	29.0	2.95	14.0	Gibson.	75	9	35.9	T.	Fenelon <sup>1</sup> .	55	5	30.0	0.55	2.5	
Trenton.	68	3	33.0	—	—	Grand Island <sup>a</sup> <sup>1</sup> .	78	10	32.8	0.12	1.2	Genoa.	58	27	42.0	0.02	0.2
Unionville <sup>†</sup> .	64	—10	26.8	1.98	11.3	Grand Island <sup>b</sup> .	75	8	33.2	0.22	2.5	Golconda <sup>1</sup> .	60	16	34.4	T.	T.
Versailles.	—	—	—	0.65	4.0	Greeley.	—	—	—	Halleck <sup>1</sup> .	67	5	30.8	0.20	0.5		
Virgil City.	—	—	—	1.52	3.1	Haigler <sup>1</sup> .	70	10	35.6	0.10	1.0	Hamilton.	80	—12	41.6	0.66	T.
Warrensburg <sup>1</sup> .	76	11	38.2	0.49	1.5	Hartington <sup>†</sup> .	75	2	27.4	0.27	1.0	Hawthorne <sup>a</sup> <sup>8</sup> .	65	—25	42.2	0.00	—
Warrenton.	71	2	34.6	1.88	8.0	Harvard <sup>1</sup> .	75	6	32.1	0.25	2.5	Hawthorne <sup>b</sup> .	66	29	40.8	0.00	—
Wheatland.	—	—	—	1.47	1.2	Hastings <sup>†</sup> .	71	6	30.1	T.	Hot Springs <sup>*</sup> .	68	17	39.4	0.00	—	
Willow Springs.	78	12	41.4	1.95	1.0	Hay Springs <sup>†</sup> .	64	5	30.9	0.81	0.5	Humboldt <sup>1</sup> .	65	14	35.1	0.10	1.0
Zeitonia <sup>*</sup> .	81	14	34.2	2.02	T.	Hebron <sup>†</sup> .	80	7	34.8	0.13	1.0	Keyser Springs.	—	—	—	0.01	0.1
<i>Montana.</i>	—	—	—	—	Hickman <sup>5</sup> .	52	6	33.4	0.10	—	Las Vegas.	69	32	44.8	0.06	—	
Agricultural College.	58	8	32.7	0.21	0.9	Holdrege <sup>b</sup> <sup>1</sup> .	75	11	35.2	T.	Lewers Ranch.	64	15	39.6	0.30	2.0	
Bigtimber <sup>†</sup> .	66	—5	39.1	0.43	5.5	Imperial <sup>a</sup> .	73	9	35.8	0.20	2.0	Lovelock <sup>1</sup> .	72	22	44.8	0.04	0.0
Billings <sup>†</sup> .	70	10	42.3	0.05	0.5	Imperial <sup>b</sup> <sup>1</sup> .	56	10	33.5	0.10	1.0	Mill City <sup>1</sup> .	68	15	34.3	0.10	1.0
Bozeman <sup>†</sup> .	53	—2	31.4	0.70	7.0	Indianola <sup>6</sup> .	74	12	37.6	0.00	—	Osceola <sup>†</sup> .	69	13	36.2	0.05	0.5
Butte <sup>†</sup> .	54	—	29.4	0.37	7.3	Kearney <sup>1</sup> .	70	10	36.5	T.	Palisade <sup>1</sup> .	55	14	35.0	0.09	1.0	
Chinook <sup>†</sup> .	60	—10	24.8	0.70	7.0	Kennedy <sup>†</sup> .	75	—6	31.8	T.	Palmetto.	65	6	35.0	T.	T.	
Choteau <sup>†</sup> .	65	—11	32.4	1.02	10.0	Kirkwood <sup>1</sup> .	68	2	28.7	0.05	0.5	Reeves River.	—	—	—	—	—
Cokedale <sup>†</sup> .	57	—2	33.8	0.42	4.2	Lexington <sup>†</sup> .	76	11	37.5	0.20	2.0	Reno <sup>*</sup> .	60	20	41.3	0.00	—
Columbia Falls <sup>†</sup> .	48	—	28.0	1.47	—	Lincoln.	80	6	34.6	0.22	2.5	Reno State University.	65	12	37.9	T.	0.0
Deerlodge <sup>†</sup> .	60	—8	29.0	0.44	5.2	Lodge Pole.	70	5	32.7	0.50	5.0	Ruby Valley <sup>†</sup> .	—	—	—	0.32	2.8
Dillon <sup>†</sup> .	56	—5	29.8	0.20	2.0	Loupe <sup>a</sup> <sup>1</sup> .	74	10	34.8	T.	St. Clair.	67	14	37.4	0.00	—	
Fort Benton <sup>†</sup> .	65	—21	29.0	T.	Loupe <sup>b</sup> <sup>1</sup> .	76	10	35.6	T.	St. Thomas.	66	16	50.8	T.	T.		
Fort Custer <sup>†</sup> .	68	—9	36.2	0.18	1.8	Lynch <sup>†</sup> .	66	3	28.8	0.03	0.2	San Antonio.	60	7	34.6	T.	T.
Fort Keogh <sup>†</sup> .	68	—5	28.4	0.55	5.5	Lyons.	—	—	—	Silverpeak.	75	11	41.0	0.00	—		
Fort Logan <sup>†</sup> .	54	—8	29.4	0.02	0	McCook <sup>1</sup> .	72	11	35.7	T.	Stoifel.	45	—12	20.2	1.30	8.0	
Fort Missoula.	60	—9	29.1	0.49	2.4	Madison <sup>1</sup> .	76	6	27.7	T.	Sunnyside.	67	—10	33.0	0.37	1.5	
Glasgow <sup>†</sup> .	59	—10	17.3	0.27	—	Madrid <sup>†</sup> .	73	5	35.8	0.20	2.0	Tecoma <sup>†</sup> .	59	15	31.8	0.35	2.0
Glendive <sup>†</sup> .	62	—10	22.6	0.80	8.0	Marquette.	—	—	—	Toano <sup>1</sup> .	62	—2	30.0	1.00	8.0		
Greatfalls <sup>†</sup> .	70	—6	38.8	0.16	3.9	Milford <sup>3</sup> .	8	8	31.8	0.26	2.6	Tuscarora.	51	9	29.0	0.59	0.5
Hayre.	—	—	—	—	Minden <sup>a</sup> <sup>1</sup> .	76	9	33.6	0.15	1.8	Tybo.	56	6	39.0	T.	T.	
Helena.	—	—	—	—	Nebraska City <sup>b</sup> <sup>1</sup> .	74	7	35.6	0.30	—	Verdi <sup>1</sup> .	63	15	36.7	0.08	0.0	
Hogan <sup>†</sup> .	58	—11	32.2	0.70	6.0	Nebraska City <sup>a</sup> <sup>1</sup> .	74	7	32.8	T.	Wadsworth <sup>1</sup> .	68	10	36.8	0.00	—	
Kipt <sup>†</sup> .	55	—17	28.6	0.45	4.5	Nemaha City <sup>*</sup> .	72	10	34.8	0.01	T.	Wells.	57	3	30.2	0.32	0.0
Lewistown <sup>†</sup> .	58	—3	29.0	1.50	15.0	Nesbit <sup>†</sup> .	72	4	29.4	0.02	T.	Winnemucca.	—	—	—	2.2	—
Libby <sup>†</sup> .	62	—6	33.3	1.04	—	Norfolk <sup>†</sup> .	72	4	30.9	T.	New Hampshire.	Alstead <sup>*</sup> .	46	—24	19.7	4.40	14.0
Livingston <sup>†</sup> .	61	11	36.0	0.10	1.0	North Loup <sup>†</sup> .	74	7	33.0	T.	Belmont.	—	—	—	4.88	—	
Manhattan <sup>†</sup> .	60	—5	31.8	0.31	3.0	North Platte.	74	5	28.8	0.05	0.4	Berlin.	42	—36	15.1	—	—
Martinsdale <sup>†</sup> .	50	—6	33.0	0.10	1.0	Odell <sup>5</sup> .	74	8	34.5	0.18	T.	Berlin Mills.	45	—37	15.8	4.90	37.5
Marysville <sup>†</sup> .	55	—6	31.2	0.51	7.7	O'Neill <sup>†</sup> .</td											

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
New Hampshire—Cont'd.	°	°	°	In.	In.	New York—Cont'd.	°	°	°	In.	In.	North Carolina—Cont'd.	°	°	°	In.	In.
West Milan.....	44	-42	15.0	4.83	30.5	Alfred.....	53	-18	22.4	3.28	29.1	Currituck Inlet.....	°	°	°	4.13	0.4
Wolboro.....	.....	.....	5.93	.....	.....	Angelica†.....	54	-20	23.5	4.16	30.5	Edenton†.....	67	11	44.8	4.67	5.0
New Jersey.....	.....	.....	.....	.....	.....	Appleton.....	53	-12	24.9	3.25	17.7	Experimental Farm.....	70 <sup>b</sup>	8 <sup>b</sup>	44.0 <sup>b</sup>	6.35	5.0
Allaire.....	57	-1	33.4	.....	.....	Arcade.....	54	-18	21.8	3.86	32.5	Fairbluff†.....	.....	.....	.....	6.33	4.0
Ashbury Park.....	54	-1	33.8	7.28	2.4	Atlanta.....	.....	.....	.....	2.50	.....	Falkland† <sup>1</sup> .....	76	12	46.7	7.09	7.0
Barnegat.....	60	0	34.4	6.12	3.5	Avon <sup>a</sup> .....	52	-10	24.8	.....	.....	Fayetteville†.....	71	8	45.6	5.52	5.0
Bayonne.....	55	-2	32.0	6.39	8.7	Baldwinsville.....	50	-20	23.1	6.39	32.0	Greenville.....	67	7	43.5	3.68	13.0
Belvidere.....	54	-9	28.7	6.90	12.5	Bedford.....	53	-8	29.9	9.51	17.7	Hatteras.....	.....	.....	.....	T.	.....
Beverly†.....	63	-2	32.2	6.77	.....	Big Sandy <sup>a</sup> .....	48	-26	18.4	.....	.....	Henderson†.....	67	7	42.4	6.20	2.5
Billingsport <sup>*</sup> .....	63	.....	.....	.....	Binghamton†.....	50	-19	24.8	4.28	16.5	Highlands.....	62	5	34.7	6.58	3.3	
Blairstown.....	53	.....	30.4	5.40	13.5	Bloomville.....	48	-23	23.2	3.64	2.8	Highpoint.....	72	6	41.2	5.40	3.0
Boonton.....	54	-10	29.0	8.15	11.6	Bolivar.....	.....	.....	.....	2.93	.....	Horse Cove†.....	64	0	39.9	6.19	2.6
Bridgeton.....	60	4	36.3	8.35	0.8	Brentwood <sup>a</sup> .....	54	-5	28.0	.....	.....	Jefferson†.....	63	2	36.8	4.44	8.6
Camden.....	61	-2	32.7	6.96	3.6	Brookfield.....	45	-32	23.2	5.69	28.0	Kittyhawk.....	.....	.....	.....	5.0	.....
Cape May.....	55	7	36.3	5.55	1.5	Brooklyn.....	54	-3	31.0	6.19	8.5	Lenoir† <sup>1</sup> .....	65	4	40.0	4.73	2.5
Cape May C. H.†.....	57	5	37.0	4.82	2.0	Buffalo.....	.....	.....	.....	.....	.....	Linville†.....	57	-9	32.6	5.66	9.5
Charlottetown.....	53	-7	29.6	10.06	10.0	Canton†.....	51	-43	15.4	5.45	35.5	Littleton†.....	69	8	41.8	5.60	4.0
Chester.....	53	-11	27.6	8.25	14.5	Carmel.....	52	-10	26.8	7.69	13.0	Louisburg†.....	70	9	42.8	6.58	5.0
Deckertown.....	53	-11	28.2	5.69	13.3	Charlotte <sup>a</sup> .....	54	-4	25.8	.....	.....	Lumberton†.....	72	12	46.7	5.15	.....
Dover.....	52	-8	28.8	8.39	13.0	Cherry Creek.....	.....	.....	.....	5.62	.....	Lynn† <sup>2</sup> .....	73	4	41.2	5.46	1.2
Egg Harbor City.....	60	0	32.8	7.07	1.5	Cooperstown†.....	50	-23	20.7	5.86	23.0	Marion.....	73	10	44.4	3.28	3.0
Elizabeth†.....	55	-6	30.8	7.82	2.4	Cortland.....	47	-23	22.2	4.50	.....	Mocksville†.....	71	5	43.9	5.55	1.0
Englewood.....	54	-5	29.6	8.45	12.8	De Kalb Junction.....	.....	.....	.....	3.81	.....	Monroe†.....	71	8	43.8	6.37	3.0
Franklin Furnace.....	55	-10	27.8	5.71	10.0	Demster.....	.....	.....	.....	4.76	.....	Morganton† <sup>1</sup> .....	70	8	45.4	5.53	3.0
Freehold.....	58	-4	31.8	6.93	7.2	Deposit.....	.....	.....	.....	3.95	.....	Mountairy†.....	65	3	38.7	4.66	0.5
Friesburg.....	.....	.....	6.76	1.5	Eagle Mills.....	.....	.....	.....	6.53	.....	Mount Pleasant.....	70	6	44.4	5.89	2.5	
Gillette.....	55	-6	30.0	6.21	11.0	Easton.....	.....	.....	.....	4.61	.....	Murphy†.....	76	12	48.4	4.65	3.0
Hammonton.....	.....	.....	5.01	0.5	Fulton.....	.....	.....	.....	7.39	.....	Newbern†.....	74	3	41.7	9.40	1.0	
Hanover.....	55	-6	30.9	6.14	10.0	Glen Falls.....	44	-16	20.8	5.41	26.8	Oakridge†.....	.....	.....	.....	3.72	5.0
Hightstown.....	60	-4	32.3	6.22	3.0	Gloversville.....	44	-25	20.1	5.90	29.4	Pantego.....	67	5	41.4	6.82	2.2
Imlayshtown.....	62	-4	32.6	6.08	3.0	Hamilton.....	48	-29	21.2	3.02	12.0	Pittsboro.....	68	8	44.8	6.70	6.0
Junction.....	.....	.....	7.60	10.4	Haskinville.....	.....	.....	.....	3.41	.....	Raleigh (V. B.).....	74	8	46.8	5.90	2.0	
Millville.....	60	2	34.8	6.34	3.0	Honeymead Brook.....	54	-13	25.2	5.47	15.0	Rockingham†.....	74	8	46.8	5.90	T.
Moorestown.....	61	-4	33.3	6.41	2.5	Humphrey†.....	59	-16	24.2	4.83	38.5	Roxboro†.....	65	4	41.6	5.15	.....
Newark <sup>a</sup> .....	53	-4	31.0	7.18	11.0	Ithaca.....	51	-18	25.3	4.61	21.6	Rutherfordton†.....	65	6	40.2	4.30	.....
Newark b†.....	55	-5	30.4	6.82	10.0	Jamestown.....	61	-15	25.8	5.57	41.0	Salem†.....	60	5	40.6	6.20	0.5
New Brunswick <sup>a</sup> .....	58	-5	32.6	6.30	.....	Kings Station.....	.....	.....	.....	6.30	.....	Salisbury.....	69	5	41.5	5.93	3.0
New Brunswick <sup>b</sup> .....	59	-2	31.8	5.73	2.5	Lebanon Springs.....	50	-21	24.6	4.92	14.0	Saxon†.....	68	3	41.4	4.55	0.3
Newton.....	52	-12	27.6	3.56	11.0	Lowville.....	46	-31	18.8	4.73	29.0	Selma.....	74	10	44.2	7.10	6.0
Ocean City.....	55	2	34.5	7.38	2.5	Lyons.....	50	-13	25.8	4.28	18.0	Settle.....	70	4	38.8	6.25	1.3
Oceanic.....	55	2	33.7	7.64	5.5	Madison Barracks†.....	51	-40	19.7	5.30	42.0	Skyuka.....	74	11	46.6	6.42	19.8
Paterson.....	57	-2	32.4	8.09	14.8	Malone.....	55	-29	15.3	5.27	44.7	Sloan†.....	68	4	41.0	6.30	2.5
Plainfield.....	57	-4	32.2	7.15	8.5	Manhattan Beach.....	.....	4	.....	3.51	.....	Soapstone Mount†.....	67	11	48.7	5.67	11.0
Rancocas.....	.....	.....	4.89	3.6	Middletown.....	49	-10	29.5	7.00	29.0	Southport†.....	67	10	42.8	6.15	4.0	
Readington <sup>*</sup> .....	58	-2	34.4	.....	Mohonk Lake.....	48	-13	23.8	4.99	22.0	Springhenge <sup>1</sup> .....	67	10	42.8	6.15	4.0	
Rivervale.....	55	-6	31.0	9.60	12.0	Mount Morris.....	54	-12	26.6	5.35	25.0	Tarboro.....	72	8	44.0	6.35	5.0
Somerville.....	58	-12	31.0	6.74	7.8	Newark Valley.....	54	-12	26.6	5.35	25.0	Waynesvillet.....	68	-6	38.0	4.31	1.7
South Orange.....	55	-6	29.8	7.85	13.5	New Lisbon.....	50	-26	21.2	4.31	20.0	Weldon†.....	69	10	42.7	6.84	4.0
Toons River.....	59	-2	33.4	7.61	2.0	New York.....	50	-36	17.2	3.20	27.4	Willetton.....	71	10	43.9	4.40	4.5
Trenton.....	61	-3	35.2	5.36	4.0	North Hammonid†.....	50	-21	23.3	4.81	27.4	Wilmington.....	.....	.....	.....	12.1	.....
Vineland.....	60	1	34.4	6.28	1.8	Number Four†.....	51	-30	17.5	7.93	66.0	North Dakota.	.....	.....	.....	.....	.....
Whiting.....	60	0	35.4	4.90	0.8	Ogdensburg.....	50	-28	17.3	.....	28.2	Amenia.....	58	-20	14.4	0.20	2.5
Woodbine.....	59	5	35.9	6.85	4.0	Oneonta.....	53	-17	26.0	7.44	.....	Ashley†.....	61	-17	18.0	1.05	10.5
New Mexico.....	.....	.....	.....	.....	Oswego.....	.....	.....	.....	.....	.....	Bismarck.....	.....	.....	.....	3.5	.....	
Albert†.....	69	17	40.2	0.11	0.0	Oxford.....	48	-25	23.7	4.97	16.7	Church's Ferry.....	49	-23	12.0	0.17	1.7
Albuquerque†.....	70	19	39.0	0.07	T.	Palermo†.....	47	-24	21.0	5.13	35.0	Coalharbor†.....	51	-21	13.4	0.10	1.0
Alma†.....	71	12	40.4	T.	Perry City.....	50	-29	22.8	3.58	21.3	Dickinson†.....	52	-13	18.1	0.56	5.8	
Aztec†.....	60	6	33.6	0.23	6.5	Pine City.....	.....	.....	.....	4.04	.....	Ellendale.....	60	-17	17.2	1.00	10.0
Bernalillo†.....	71	6	36.7	T.	Pittsford.....	54	-12	25.2	4.29	14.0	Falconer.....	54	-22	14.5	0.10	1.0	
Chama†.....	61	-14	29.2	2.10	21.0	Plattsburg Barracks.....	43	-25	16.0	6.21	43.1	Fargo†.....	54	-19	10.6	0.06	0.6
Clayton.....	79	11	42.4	0.25	2.5	Port Jervis.....	50	-11	26.0	6.51	14.5	Forman†.....	61	-22	15.8	0.38	4.1
Denim <sup>*</sup> .....	80	20	43.6	T.	Potsdam.....	45	-31	13.9	4.66	41.0	Fort Berthold†.....	53	-14	24.9	0.30	3.0	
East Las Vegas.....	62	7	35.2	0.32	4.5	Poughkeepsie.....	54	-11	27.2	5.98	22.5	Fort Yates†.....	63	-15	20.6	0.22	2.8
Eddy†.....	74	16	46.5	0.68	0.0	Ridgeaway.....	.....	.....	.....	2.95	.....	Gallatin†.....	61	-24	12.8	0.25	2.5
Engle†.....	72	10	40.5	0.00	.....	Rochester.....	.....	.....	.....	39.1	.....	Grafton†.....	55	-24	10.2	0.02	0.2
Espanola†.....	65	1	34.5	0.32	0.0	Rome.....	43	-19	21.8	7.59	.....	Grand Rapids.....	60	-21	15.4	1.86	18.6
Estalina Springs†.....	.....	.....	0.07	0.8	Romulus.....	51	-17	24.9	3.66	8.7	Jamestown†.....	56	-16	18.4	0.90	9.0	
Fort Bayard.....	68	16	39.8	0.10	1.0	Rose†.....	.....	.....	.....	4.87	.....	Kelso†.....	60	-20	11.9	0.81	8.1
Fort Wingate.....	66	-2	33.6	1.20	12.0	Saranac Lake.....	56	-38	15.1	4.28	40.2	Larimore†.....	56	-25	11.7	.....	.....
Galisteo†.....	70	18	38.0	0.90	9.0	Setauket†.....	56	-5	31.3	6.46	7.0	Mayville.....	.....	-19	.....	0.59	5.9
Gallinas Spring†.....	66	10	37.4	0.02	T.	Sherwood.....	.....</td										

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Ohio—Cont'd.</i>	°	°	°	In.	In.	<i>Ohio—Cont'd.</i>	°	°	°	In.	In.	<i>Oregon—Cont'd.</i>	°	°	°	In.	In.
Athens	65	-3	33.5	2.56	6.3	Peoli	60	-5	30.0	2.40	7.0	Jacksonville	66	22	42.3	2.61	0.5
Atwater						Perry				3.06	8.0	Sherman	55	7	30.8	1.02	9.5
Auburn	58	-9	26.8	3.02	14.4	Philo	60	-4	30.8	1.81	7.0	Junction City*	62	30	48.1	4.39	2.0
Bangorville	59	-7	29.4	2.47	12.5	Plattsburg	63	-6	30.8	2.03	7.0	Lafayette*	68	25	45.1	3.98	1.0
Basil						Pomeroy	64	-3	32.9	2.43	2.4	Lakeview†	53	9	32.2	1.00	4.0
Bellefontaine	62	-7	27.8	1.17	9.6	Portsmouth†				3.24	6.0	Langlois	80	12	51.0	9.08	0.5
Benton Ridge	67	-5	29.5	2.00	13.0	Portsmouth b	78	0	37.1	3.01	6.0	Lone Rock	62	15	37.8	2.80	7.8
Bethany	66	-5	33.0	1.76	6.0	Richwood				1.89	7.5	Lorella	65	12	33.8	1.45	3.0
Bigprairie	61	-4	24.4	1.87	9.5	Ridgeville Corners	64	-5	26.9	1.62	6.5	McMinnville a†	65	35	44.8	4.68	1.0
Binda	59	-11	28.6	3.68	18.8	Ripley	65	-1	34.4	2.34	7.1	Merlin*	68	22	42.2	2.69	
Bissells	56	-13	26.2	3.23	21.1	Rittman	58	-8	27.4	1.93	9.0	Mommouth*	62	27	45.5	2.97	
Bladensburg	61	-5	30.4	2.19	6.9	Rockyridge	66	-5	28.8	2.30	17.3	Mount Angel†	60	30	45.8	4.00	0.2
Bloomington	67	-4	32.4	1.64	T.	Rosewood	60	-6	29.8	1.07	5.0	Nehalem				15.12	1.5
Bowling Green	65	-4	28.4	1.75	7.8	Sandusky				7.3		Newberg	70	26	45.3	4.61	T.
Bucyrus	58	-5	28.9	2.20	1.7	Sharon Center	59	-2	31.1	1.87	13.5	Newbridge	51	9	34.6	0.90	9.0
Caledonia						Shenandoah	61	-7	27.4	2.76	14.8	Newport	74	28	47.2	7.76	
Cambridge	61	-3	30.8	2.39	6.0	Sidney a				1.51	6.8	Pendleton	67	24	43.5	1.37	3.6
Camp Dennison	68	-3	34.2	1.48	4.8	Sinking Spring	63	-1	32.4	2.37	0.7	Portland				0.8	
Canal Dover	62	-4	30.2	2.74	8.0	Springboro				1.31	1.5	Riddles*	68	24	43.4	1.21	
Canfield						Spring Valley	66	-5	30.6	1.90	9.0	Roseburg	64	24	45.9	3.31	1.2
Canton†	60	-3	30.0	2.39	6.9	Sylvania	60	-7	26.2	2.14	16.0	Salem b†	60	11	34.4	14.16	73.0
Carrollton	52	-7	27.6	2.79	8.0	Thurman	60	-4	35.4	1.57	0.4	Salmon	62	32	46.1	2.79	
Cedarville						Tiffin†	63	-2	29.1	2.69	17.1	Sheridan*	62	11	34.8	1.0	
Celina	68	-5	33.3	1.04	0.5	Toledo	65	-4	29.0	2.34	14.0	Silver Lake	62	28	43.7	3.90	1.2
Cherryfork	69	-6	33.4	2.29	5.4	Upper Sandusky	65	-6	30.2	1.52	11.3	Silverton*	63	21	42.8	2.30	5.0
Cincinnati						Urbana	61	-6	30.2	2.27	16.0	Siskiyou*	53	10	32.3	2.30	23.0
Circleville b	67	-2	33.6	1.71	7.0	Vanceburg	68	-7	35.0	2.90	6.0	Sparta	60	25	40.1	4.58	
Clarksville	66	-4	32.6	1.79	7.0	Van Wert	66	-4	29.0	1.05	11.3	Springfield*	60	26	44.4	0.72	T.
Cleveland (V. O.)	60	-6	28.4	2.97	20.0	Vermilion	60	-7	27.2	2.23	6.0	The Dalles†	63	26	44.4	6.63	
Cleveland (W. B.)						Vickery	63	-4	29.2	2.13	8.6	Tillamook Rock L. H.	70	22	45.4	10.86	2.0
Clifton	64	-5	31.4	1.67	9.3	Walnut	60	-3	32.6	2.16	6.0	Toledo	61	18	36.8	0.58	T.
Coatlon	68	-9	32.8	2.23	9.0	Warren	58	-5	24.4	3.39	13.7	Umatilla				0.69	
Colebrook	56	-8	27.8	2.58	17.2	Warsaw	64	-5	30.3	1.11	7.5	Vale	61	30	45.7	3.77	
Columbus						Wauseon	64	-6	27.4	2.24	15.9	West Fork*	68	10	40.2	2.01	9.0
Dayton a	66	-5	33.8	1.62	8.3	Waverly	71	-1	34.8	2.19	5.8	Williams	68	22	43.2	3.89	
Dayton b†						Waynesville				1.66	7.5	<i>Pennsylvania.</i>					
Defiance	68	-5	29.8	1.67	7.5	Wellington	63	0	31.4	3.08	10.0	Altoona				1.94	
Delaware	62	-3	30.4	1.50	5.7	Westerville	61	-2	32.2	1.53	5.1	Aqueduct	54	0	32.0	5.65	8.3
Demos	62	-5	30.4	1.99	9.5	Willoughby				2.93	13.0	Beaver Dam†				3.44	4.0
Dupont	65	-4	28.6	1.85	6.0	Fort Reno†	70	15	30.9	T.	T.	Bethlehem				6.41	
Elyria	60	-5	28.3	2.58	12.6	Buffalo	70	30	46.4	T.	T.	Blooming Grove	47	-20	33.0	7.97	16.8
Fairport Harbor*†	54	-6	29.7	1.34	T.	Burnett	74	13	44.2	0.78		Brookville†				2.82	9.0
Fayetteville	63	-3	32.5	2.22	10.0	Clifton†	73	10	40.4	0.23		Browers Lock				6.65	
Findlay	65	-4	29.2	2.18	7.0	Enid	77	22	43.6	0.25		Cameron				3.05	9.0
Fostoria	65	-6	27.6	2.33	10.2	Fort Sill	70	15	43.3	0.30		Carlisle	56	1	31.1	6.41	13.5
Frankfort	65	-1	33.7	1.94	4.0	Guthrie†	74	15	42.0	0.28		Cassadra	56	-8	28.8	4.38	20.0
Garretttsville	60	-4	28.1	3.23	9.9	Hennessey†	76	18	47.4	0.19		Cedar Run				3.17	6.8
Granville	64	-3	29.5	3.41	7.7	Keokuk Falls†	72	13	41.0	0.55		Chambersburg†	58	2	31.6	2.81	
Grafton	63	-5	31.2	2.43	10.3	Mangum†	78	21	48.2	0.90		Coatesville	60	0	32.4	6.54	7.3
Greenfield	63	-2	33.6	1.70	4.0	Norman†	74	18	46.0	0.42		Confluence†				3.32	12.0
Greenhill	60	-6	28.2	2.38	10.2	Ponca†	64	16	41.0	T.		Coopersburg	50	-4	32.4	6.58	8.5
Greenville	64	-5	30.8	1.37	5.5	Pond Creek†	77	11	39.0	0.20		Davis Island Dam†				2.94	
Hackney	58	-5	31.7	2.97	7.0	Prudense†				0.25		Dylesstown				7.47	
Hanging Rock	68	-13	34.5	3.29	5.0	Sac and Fox Agency†	76	12	43.8	0.30		Driftwood	51 <sup>4</sup>	-15 <sup>4</sup>	24.5 <sup>4</sup>	3.14	19.9
Hebbardsville	66	-18	33.3	3.11	4.5	Stillwater†	77	16	43.6	0.19		Dubois†				3.05	
Hedges	64	-4	28.2	1.33	10.0	Winnview	75 <sup>1</sup>	16	40.8	0.08		Duncannon				3.65	15.2
Hillhouse	59	-16	26.1	4.75	38.0	Woodward†	76	13	41.0	0.02		Dwyer†	47	-19	22.8	5.10	20.0
Hillsboro	68	-6	32.6	1.94	5.0	Oregon.						East Bloomsburg	54	-10	27.9	7.16	16.8
Hiram	57	-8	25.0	2.87	12.0	Keokuk Falls†	72	23	43.6	0.19		East Mauch Chunk	57	-8	29.9	6.24	8.8
Hudson	60	-12	27.2	2.75	T.	Mangum†	78	21	48.2	0.90		Eston	57	-14	24.2	2.13	8.0
Jacksonboro	68	-11	31.1	1.55	9.0	Norman†	74	18	46.0	0.42		Edinboro*	50	-14	24.2	3.14	17.5
Kenton†	67	-5	29.2	2.55	12.4	Aurora*	65	32	48.2	3.73	1.0	Ellwood Junction†				6.00	9.2
Killbuck	62	-5	30.1	2.33	8.3	Aurora (near)	66	25	44.7	4.76	3.5	Emporium	56	-8	27.2	3.68	17.5
Lancaster	64	-2	31.4	1.33	4.5	Baker City				3.5		Erie.				17.3	
Leipsic	63	-5	28.5	2.13	2.5	Bandon	69	29	48.2	4.39		Ferrandsville				3.98	7.0
Levering	60	-10	27.4	1.04	6.2	Brownleaf	63	8	35.4	0.67		Forks of Neshaminy*	60	-2	36.2	9.08	
Logan	67	-4	33.7	2.27	11.0	Brownsville *a	64	23	45.4	3.74	4.0	Frederick				5.82	
Lordstown	60	-6	27.0	3.14	8.5	Burns	60	0	24.9	9.9		Gettysburg†	57	3	31.5	3.71	8.0
McArthur	57	-3	33.0	3.54	11.5	Canyon City†	69	19	42.6	.....		Girardville	50	-12	24.8	3.57	14.0
McConnellsille	58	-4	31.4	2.19	4.0	Cascade Locks	58	28	44.8	11.18		Greensboro†				3.21	4.0
Marietta†						Comstock*	64	23	43.8	5.87	0.5	Hamburg	56	-3	30.7	4.68	3.0
Marietta b	68	-2	33.4	2.28	1.5	Corvallis t	66	26	44.8	3.24	3.0	Harrisburg				10.0	
Mariion	65	-5	30.3	1.40	10.0	Corvallis (near)	60	24	44.8	5.12		Hollidaysburg	58	-4	31.8	8.70	8.5
Medina	61	-13	27.8	3.21	17.0	Crook	58	15	35.8	0.80	3.0	Homesdale	50	-20	26.7	4.78	3.8
Milfordton	60	-6	28.4	1.56	7.5	Dayville†	72	23	43.6	0.86	1.8	Huntingdon t	56	0	31.4	3.18	9.3
Milligan	68	-3	33.0	1.94	6.0	Eugene† t	66	29</td									

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Pennsylvania—Cont'd.	○	○	○	In.	In.	South Dakota—Cont'd.	○	○	○	In.	In.	Texas—Cont'd.	○	○	○	In.	In.
Ottsville.	7.41	3.26	12.0			Castlewood †.	61	-13	19.4	1.85	...	Angleton.	86	34	59.1	5.90	...
Parker †.	3.26	6.99	4.0			Clark †.	59	-19	20.2	1.50	15.0	Arbuthnott City †.	78	28	49.6	3.19	
Philadelphia b.	60	-1	34.4	6.99	4.0	Cross †.	63	0	31.1	0.22	2.8	Aurora *†.	79	32	54.5	7.55	
Philadelphia c.	62	-2	34.1	7.13	...	Desmet †.	63	-14	21.9	0.48	4.2	Austin a *†.	78	28	51.6	...	
Philadelphia W. B.	...	...	...	4.0	...	Edgemont.	...	...	...	0.11	1.1	Burnett †.	72	23	49.6	0.98	
Pittsburg.	...	...	...	6.7	...	Farmingdale.	...	...	...	0.08	1.5	Beaumont †.	83	32	58.2	3.30	
Point Pleasant.	8.75	...	...	...	...	Faulkton †.	66	-13	22.4	0.04	...	Boerne *†.	76	31	51.7	2.82	
Pottstown.	60	-3	32.5	7.08	3.2	Flandreau †.	63	-10	23.9	0.35	3.5	Brady †.	81	33	57.7	2.13	
Quakertown.	57	-6	29.0	7.44	15.5	Forestburg †.	68	-9	24.0	0.30	3.0	Brazoria †.	76	35	54.6	3.78	
Reading †.	30.2	4.88	...	...	Forest City †.	73	-7	24.1	...	...	Brenham †.	76	22	49.5	4.51		
Reno.	...	...	...	3.36	3.6	Fort Meade.	67	0	35.6	1.14	10.6	Brownwood *†.	74	28	50.8	3.90	T.
Ridgway †.	2.75	15.2	...	...	Gary †.	56	-13	18.0	1.12	14.0	Burnet †.	77	26	49.5	1.86		
Saegerstown.	60	-16	27.8	4.10	14.2	Goudyville *†.	67	-10	23.6	0.50	...	Camp Eagle Pass †.	85	26	57.3	1.65	
Salem Corners.	50	-21	34.3	7.11	20.5	Greenwood.	74	6	30.9	0.05	0.8	Chillieotho.	75	19	46.2	T.	
Scranton.	52	-14	26.8	4.91	11.5	Highmore †.	60	-8	28.5	0.30	3.0	Coldwater.	80	8	35.6	0.05	
Seisholtzville.	...	...	...	6.11	...	Hotch City †.	69	0	27.7	0.15	1.5	Coleman *†.	75	35	54.0	4.38	
Selinsgrove.	58	-4	28.4	5.71	16.5	Howard †.	66	-9	22.7	0.05	0.5	College Station.	76	32	56.4	6.64	
Shinglehouse.	58	-16	26.1	3.36	17.0	Huron.	...	...	...	...		Corsicana a †.	78	29	53.6	5.10	
Simanahoning.	...	...	...	1.31	...	Ipswich *†.	64	-10	20.6	1.35	...	Cuerio †.	78	28	50.2	4.24	
Smethport.	57	-16	24.7	3.55	17.5	Kimball †.	66	-3	27.7	0.16	1.0	Dallas †.	73	25	49.2	3.07	
Smiths Corners.	...	...	...	8.13	...	Libbink †.	60	-14	17.2	...	...	Danevang.	70	30	55.0	...	
Somerset.	58	-7	28.2	4.24	11.8	Mitchell †.	69	-4	26.2	0.14	1.4	Deviney.	81 <sup>a</sup>	28	55.3 <sup>a</sup>	1.35	
South Bethlehem *†.	62	-8	32.5	...	...	Northville †.	64	-12	19.4	0.45	4.5	Dublin †.	72	25	48.6	2.37	
South Eaton.	51	-13	27.4	4.11	9.5	Rosebud †.	72	-2	30.5	0.50	5.0	Durham.	...	...	...	0.48	
Spruce Creek.	...	...	...	4.33	8.0	Sioux Falls †.	60	-10	24.3	0.51	5.1	Duvay †.	82	30	55.6	3.55	T. 0.3
State College.	52	-6	28.2	4.10	12.0	Townsend.	68	-6	24.6	0.40	3.5	El Paso.	73	24	49.4	3.16	
Swarthmore.	62	-3	32.4	6.62	1.2	Waukegan.	68	-5	25.4	T.	...	Estelle †.	73	21	47.6	1.45	
Towanda.	50	-12	25.8	3.96	14.5	Weston.	70	-5	25.4	1.20	12.0	Forestburg †.	73	26	62.8	0.99	
Uniontown.	63	-4	31.5	3.15	12.5	Weymouth.	60	-14	17.2	...	...	Fort Brown †.	92	35	56.8	0.55	
Warren †.	...	...	...	3.62	19.0	Whitman.	72	-2	30.5	0.50	5.0	Fort Clark.	76	26	48.8	...	
Waterville.	...	...	...	3.62	3.0	Winnipeg.	60	-10	24.3	0.51	5.1	Fort McIntosh.	85	31	57.7	2.06	
Wellsboro *†.	45	-14	24.5	4.34	14.0	Wise.	79	3	29.8	0.25	2.5	Fort Ringgold †.	90	27	60.0	0.75	
West Chester.	57	-3	32.2	6.77	4.0	Winnipeg.	65	-17	22.0	0.80	8.0	Fort Stockton.	73	29	52.4	0.47	
West Newton †.	...	...	...	2.87	7.0	Winnipeg.	60	-18	18.4	3.48	21.4	Fort Worth.	74	28	50.6	2.67	
Westtown.	56	-2	32.4	7.21	3.7	Winnipeg.	63	-9	23.3	0.24	2.0	Fredericksburg *†.	74	24	47.6	2.30	
White Haven.	53	-20	25.8	4.25	13.3	Winnipeg.	66	-6	26.8	0.38	3.0	Gainesville.	72 <sup>a</sup>	23	51.2	3.30	
Wilkesbarre †.	56	-7	29.4	6.17	19.0	Yankton †.	75	1	28.8	0.16	...	Georgetown <sup>a</sup> .	76	24	51.2	6.65	
Williamsport.	50	-4	28.0	3.81	7.5	...	...	...	...	...	Golindo.	74	17	48.0	1.27		
York †.	56	1	32.6	4.88	9.3	...	...	...	...	...	Hartley †.	74	24	49.9	3.03		
<i>Rhode Island.</i>																	
Block Island.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bristol.	50	-9	29.3	4.11	7.0	Andersonville *†.	70	2	39.0	5.01	T.	Houston †.	75	35	55.8	7.50	
Kingston.	50	-11	28.1	6.37	10.0	Ashwood *†.	70	12	42.7	6.91	T.	Huntsville †.	74	31	52.6	6.77	
Lonsdale.	...	...	...	6.16	10.5	Benton (near) *†.	70	7	43.0	3.04	T.	Kent.	...	...	...	0.98	
Narragansett Pier.	...	...	...	...	2.5	Bluff City †.	...	...	...	...	...	Kerrville †.	75	22	49.3	1.84	
Pawtucket.	53	-5	29.5	3.91	10.5	Bolivar †.	71	12	43.3	3.65	2.0	Lampasas †.	78	24	52.8	3.06	
Providence a.	52	-9	29.6	6.62	12.5	Bristol †.	65	-3	35.0	2.51	0.9	Leakey †.	68	23	45.8	T.	
Providence c.	52	-12	28.3	6.67	13.0	Byrdstown †.	71	2	39.3	3.74	1.2	Haskett †.	72	23	46.2	6.82	T.
<i>South Carolina.</i>																	
Allendale.	76	14	47.6	7.40	T.	Carthage †.	...	...	...	...	...	Hewitt.	...	...	...	...	...
Anderson †.	...	...	...	4.00	T.	Charleston †.	...	...	...	...	...	Houston †.	75	35	55.8	7.50	
Batesburg.	73	10	48.8	7.80	0.2	Charlotte †.	...	...	...	...	...	Huntsville †.	74	31	52.6	6.77	
Blackville †.	78	13	47.6	8.26	0.2	Chattanooga.	72	10	39.9	4.01	7.0	Kent.	...	...	...	0.98	
Camden †.	...	...	...	6.38	1.5	Clarksville †.	...	...	...	...	...	Kerrville †.	75	22	49.3	1.84	
Central †.	74	5	45.3	3.92	T.	Clinton †.	72	3	40.7	4.67	1.9	Lampasas †.	78	24	52.8	3.06	
Charleston.	...	...	...	...	...	Cookeville †.	75	17	45.4	1.88	2.0	Leakey †.	78	21	52.2	1.90	
Chareraw a †.	73	8	44.4	4.06	1.5	Covington †.	72	6	41.8	5.83	0.7	Llano *†.	74	30	48.8	5.22	
Chareraw b †.	...	...	...	5.16	1.0	Dekatur †.	70	17	40.6	1.93	2.2	Longview †.	74	30	48.8	3.63	
Columbia.	...	...	...	...	0.4	Dyersburg †.	70	7	37.2	2.61	7.4	Luling †.	79	31	55.2	13.10	
Conway †.	...	...	...	6.63	1.5	Elizabethon †.	72	4	38.6	4.20	T.	Marshall †.	75	30	52.9	1.13	
Darlington (near).	...	...	...	6.52	0.8	Fairmount *†.	64	12	41.4	5.31	T.	Menardville *†.	71	25	48.0	...	
Edisto.	...	...	...	6.95	2.5	Franklin †.	70	6	40.3	4.09	3.6	Midland †.	84	16	48.6	2.10	
Effingham †.	...	...	...	6.02	1.0	Greeneville †.	69	-1	39.8	4.33	2.0	Mount Blanco †.	74 <sup>a</sup>	14	42.9	0.06	
Florence †.	76	9	46.2	5.63	...	Harriman.	62	0	36.8	4.06	...	New Braunfels †.	72 <sup>a</sup>	30	54.4	2.27	
Georgetown †.	77	14	49.0	5.60	...	Hohenwald *†.	71	8	35.6	6.03	2.2	Palestine.	72	33	53.3	2.21	T.
Gillisonville †.	81	12	50.7	5.21	T.	Jackson †.	71	14	41.8	2.05	2.7	Panter.	...	...	...	2.89	
Greenville †.	74	8	45.8	4.68	T.	Johnsonville †.	74	9	42.4	4.01	1.0	Paris †.	74	25	48.2	3.65	
Greenwood †.	70	12	43.6	4.40	T.	Jonesboro *†.	66	6	40.3	2.50	T.	Rheinland *†.	78	20	47.2	0.19	
Holland †.	75	10	45.0	4.61	0.1	Kingston.	...	...	...	...	...	Temple †.	75	30	51.5	5.80	
Kingtree d †.	78	12	49.6	5.56	...	Knoxville.	72	8	43.2	4.94	T.	Twohig †.	91	32	62.2	1.26	
Little Mountain.	77	10	49.8	7.27	0.5	Liberty †.	72	10	44.0	5.51	...	Tyler †.	73	28	47.8	5.55	
Longshore †.	74	10	47.8	6.45	0.2	Loudon †.	72	11	40.1	8.61	T.	Waco †.	75	32	52.5	5.46	
Mount Carmel †.	...	...	...	5.79	T.	Lynnville *†.	65	12	44.0	6.95	...	Weatherford †.	72	25	49.2	1.99	
Pinopolis *†.	74	18	49.9	8.70	1.0	McMinnville †.	69										

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Utah—Cont'd.	°	°	°	In.	In.	Washington—Cont'd.	°	°	°	In.	In.	Wisconsin—Cont'd.	°	°	°	In.	In.
Kelton* <sup>8</sup> .....	58	13	27.9	0.70	2.0	Ellensburg (near).....	52	14	35.1	0.26	....	Florence†.....	60	-21	14.7	0.17	2.5
Kooosharem.....	58	-3	27.4	0.60	....	Fort Canby.....	62	17	40.8	1.43	5.0	Fond du Lac†.....	55	-13	20.8	0.29	3.8
Levan†.....	57	3	31.7	0.60	6.0	Fort Simcoe.....	59	8	33.8	0.34	3.0	Grand River Lock.....	43	-24	12.5	0.50	5.0
Loa†.....	58	-9	26.2	0.05	0.5	Fort Spokane.....	63	25	43.2	5.76	0.3	Grantsburg†.....	43	-24	12.5	0.50	5.0
Logan†.....	58	8	33.2	0.35	1.5	Grandmound†.....	47	5	30.4	0.80	3.0	Green Bay.....	43	-24	12.5	0.50	5.0
Mammoth.....	58	-8	32.5	0.06	1.0	Hunters†.....	70	22	47.8	0.05	....	Hartford.....	43	-24	12.5	0.50	5.0
Mantit.....	64	0	33.2	0.10	1.0	Kennewick.....	54	13	35.4	0.18	T.	Harvey†.....	59	-11	24.4	0.82	8.3
Millyville†.....	....	....	....	0.35	....	Lakeside†.....	72	30	45.2	9.35	0.2	Hayward†.....	54	-25	14.3	0.51	5.3
Moab†.....	68	14	36.8	T.	T.	Lapush†.....	62	28	44.0	3.78	1.0	Hillsboro.....	62	-12	21.8	0.45	4.5
Mount Pleasant† <sup>1</sup> .....	57	2	30.6	0.40	4.0	Madrone*†.....	60	26	43.1	5.76	2.3	Koepnick† <sup>1</sup> .....	60	-23	14.1	0.50	5.6
Ogden* <sup>8</sup> .....	53	18	34.7	0.80	3.0	Mayfield†.....	49	14	39.6	13.36	130.0	La Crosse.....	43	-24	12.5	0.50	5.0
Pahreah†.....	65	10	37.2	0.05	0.5	Montecristo†.....	65	11	39.6	0.27	T.	Lancaster†.....	58	-10	21.8	0.61	6.5
Parowan†.....	63	8	33.4	0.48	4.5	Moxee Valley†.....	60	24	44.1	4.29	0.8	Lincoln† <sup>2</sup> .....	58	-23	14.4	0.15	1.5
Promontory* <sup>8</sup> .....	53	5	32.5	3.10	1.0	Neahbay.....	57	23	43.8	3.95	T.	Madison†.....	57	-11	23.7	0.32	2.7
St. George†.....	74	11	40.9	0.10	....	New Whatcom†.....	59	27	44.0	6.53	T.	Manitowoc†.....	56	-10	23.2	0.25	3.8
Salt Lake City.....	....	....	....	....	....	Olga†.....	64	27	41.2	2.23	1.0	Meadow Valley†.....	60	-18	19.8	0.80	8.0
Scipio†.....	60	-5	32.0	0.10	1.0	Pine Hill†.....	59	23	41.2	0.44	1.5	Medford†.....	60	-24	16.4	0.78	7.5
Snowville†.....	54	3	31.3	0.30	2.0	Pioneer†.....	64	27	41.2	1.2	Menasha.....	56	-9	18.0	0.39	3.2	
Soldier Summit†.....	48	-16	20.6	1.15	11.5	Port Angeles.....	59	17	37.0	1.61	5.5	Milwaukee.....	54	-22	17.8	0.50	6.0
Terrace* <sup>8</sup> .....	58	12	33.0	0.40	4.0	Port Crescent.....	56	27	41.2	2.8	New Holstein†.....	56	-12	22.2	1.00	10.0	
Thistle†.....	56	-11	29.4	0.18	1.8	Puiman†.....	59	17	37.0	1.29	Oconomowoc†.....	57	-12	23.0	0.44	4.3	
Vernal†.....	45	3	24.1	0.29	3.8	Pysht.....	58	21	37.4	1.29	Oconto.....	56	-9	22.4	0.40	4.0	
Vermont.	....	....	....	....	....	Rosalia†.....	60	30	44.4	2.29	1.2	Oseola†.....	59	-18	17.6	0.10	1.0
Brattleboro.....	46	-17	24.0	3.56	21.5	Shoalwater Bay* <sup>10</sup> .....	60	30	44.4	5.02	6.0	Oshkosh†.....	60	-17	21.0	0.10	1.0
Burlington†.....	50	-20	20.3	1.94	19.5	Silvercreek* <sup>1</sup> .....	60	24	41.4	7.10	5.5	Pepin.....	59	-14	20.6	0.35	3.5
Chesterfield.....	43	-27	16.6	4.56	33.0	Snohomish†.....	72	27	45.2	6.10	1.0	Pine River†.....	60	-17	21.2	0.19	2.3
Cornwall.....	40	-22	18.8	1.83	11.0	Southbend†.....	76	26	45.9	14.17	2.0	Portage.....	58	-12	20.0	0.20	2.0
Enosburg Falls†.....	51	-32	18.9	5.57	32.5	Spokane.....	61	23	40.6	5.02	6.0	Port Washington.....	63	-12	25.4	0.80	8.0
Hartland†.....	40	-27	19.0	4.72	21.5	Stillaguamish†.....	61	23	40.6	0.17	T.	Prairie du Chien.....	61	-16	22.9	0.25	2.0
Irasburg†.....	45	-34	14.9	4.73	37.0	Tumwater†.....	66	22	41.4	4.65	0.5	Racine* <sup>10</sup> .....	58	-14	24.0	....	....
Jacksonville.....	46	-27	10.6	5.75	27.7	Walla Walla.....	63	27	41.8	1.6	Royalton.....	60	-17	20.6	0.35	3.5	
Northfield.....	....	....	....	....	Waterville†.....	50	6	30.4	0.00	....	Sharon†.....	58	-14	21.8	1.58	12.0	
Norwich.....	47	-26	23.6	3.74	17.0	Wenatchee Lake†.....	45	10	31.8	1.94	5.0	Shawano.....	61	-15	20.8	0.25	2.5
St. Johnsbury.....	43	-31	16.7	3.21	19.8	West Ferndale†.....	60	25	42.6	7.57	1.0	Spooner†.....	51	-24	14.0	0.10	1.0
Simonsville.....	44	-25	18.0	4.89	....	West Virginia.	....	....	....	....	Stevens Point†.....	59	-18	19.8	0.19	1.9	
Strafford* <sup>11</sup> .....	41	-22	18.4	4.35	20.0	Beverly†.....	64	-10	32.3	5.53	15.0	Strangeon Bay Canal* <sup>1</sup> .....	44	-10	20.1	....	....
Vernon* <sup>6</sup> .....	49	-23	23.0	4.00	16.2	Bloomery†.....	55	-1	29.8	3.10	2.5	Valley Junction†.....	61	-19	22.2	0.27	2.8
Wells.....	49	-26	19.8	3.23	21.2	Bluefield†.....	62	-7	33.5	2.62	5.6	Viroqua†.....	56	-12	22.2	0.30	3.0
Woodstock.....	47	-36	18.4	4.63	20.8	Buckhannon a†.....	65	-9	32.7	3.21	11.8	Watertown†.....	56	-13	22.8	1.13	8.0
Virginia.	....	....	....	....	Buckhannon b†.....	65	-9	32.7	....	....	Waukesha†.....	55	-10	23.5	0.89	8.0	
Alexandria.....	60	2	37.0	1.60	T.	Burlington.....	60	-3	33.9	4.08	5.0	Waupaca.....	53	-16	20.4	0.19	2.0
Ashland†.....	70	4	37.6	3.56	T.	Charleston†.....	60	-3	33.9	4.20	5.0	Wausau†.....	56	-19	18.0	0.38	4.0
Avon†.....	68	5	37.8	4.98	T.	Creston.....	70	-10	33.7	6.23	....	Westfield.....	52	-9	22.4	0.60	5.8
Bedford City†.....	63	4	39.4	4.30	T.	Dayton* <sup>1</sup> .....	60	0	33.6	2.47	....	Westport.....	49	-14	20.4	0.35	3.5
Bigstone Gap†.....	66	-10	33.6	3.88	0.8	Elkhorn†.....	65	-7	37.2	3.30	6.8	Whitehall†.....	55	-15	19.2	0.30	3.0
Birdsneck* <sup>11</sup> .....	62	14	39.5	5.09	0.5	Ella†.....	60	-3	31.5	2.67	5.0	Wyoming.	....	....	....	....	....
Blacksburg.....	63	-4	34.4	3.05	1.0	Fairmont†.....	64	-3	31.5	2.79	4.0	Bighorn Ranch†.....	62	-7	29.8	0.35	4.5
Buckingham.....	66	0	37.1	3.74	T.	Glenville†.....	65	-6	34.7	3.63	7.5	Cheyenne.....	58	-10	22.7	3.1	....
Callaway†.....	66	8	41.0	6.20	0.5	Grafton†.....	67	-5	31.3	2.96	7.0	Embar†.....	55	-20	26.3	0.50	5.6
Cape Henry.....	....	....	....	....	Green Sulphur†.....	65	0	32.2	1.50	3.0	Fort Laramie†.....	65	0	29.0	0.61	6.7	
Charlottesville.....	65	8	39.7	4.22	....	Harpers Ferry†.....	65	-6	37.0	4.19	1.0	Fort Washakie.....	64	-4	29.2	0.20	2.0
Christiansburg†.....	....	....	....	....	Hewett†.....	70	-6	37.0	4.08	....	Fort Yellowstone†.....	46	-5	25.2	2.07	21.0	
Dale Enterprise†.....	62	0	33.6	3.40	T.	Hinton a†.....	67	0	36.9	3.16	6.0	Lander (V. O.).....	60	0	30.4	0.35	2.5
Fredericksburg†.....	62	9	37.6	3.65	T.	Hinton b†.....	67	0	36.9	3.16	6.0	Laramie.....	59	-19	22.7	0.17	2.6
Grahams Force.....	64	-2	34.2	3.61	2.0	Leachtown†.....	60	-3	31.1	5.26	3.1	Lusk†.....	58	-4	28.5	0.06	....
Hampton.....	62	13	42.4	4.79	1.5	Marlinton†.....	60	3	32.8	2.97	1.5	Sheridan.....	62	-9	30.2	0.25	2.5
Hot Springs.....	59	2	34.6	3.68	0.5	Martinsburg†.....	60	-3	32.4	3.06	7.0	Sundance.....	51	2	26.0	1.00	19.0
Irwin†.....	65	5	38.6	3.39	3.39	Morgantown a†.....	65	-3	32.4	3.74	....	Wheatland†.....	67	4	36.6	0.80	6.0
Lexington†.....	64	5	37.6	4.21	1.0	Morgantown b†.....	65	-3	32.4	3.74	....	Mexico.	86	30	58.1	1.53	....
Lynchburg.....	....	....	....	....	New Martinsville†.....	57	0	31.7	2.78	8.0	Ciudad P. Diaz.	79	32	58.0	0.07	....	
Maldens.....	68	10	44.2	....	Nuttallburg†.....	65	-11	32.4	4.65	8.5	Leon de Aldamas.	79	32	58.0	0.07	....	
Manassas†.....	62	7	36.8	5.11	T.	Oldfields†.....	63	1	34.2	2.92	0.8	Mexico.	75	37	56.2	0.04	....
Marion†.....	63 <sup>1</sup>	-1 <sup>4</sup>	37.4 <sup>7</sup>	2.60	T.	Parkersburg.....	65	-5	33.4	2.16	5.4	Puebla.	73	40	59.2	0.06	....
Monterey†.....	50	-6	28.3	2.80	2.5	Pensboro.....	68	0	35.3	3.24	3.0	Topolobampo* <sup>11</sup> .....	80	55	65.4	0.38	....
Norfolk.....	....	....	....	....	Point Pleasant†.....	65	-5	35.5	3.82	7.0	West Indies.	....	....	....	....	....	
Nottoway.....	68	3	41.9	3.55	1.2	Powellton†.....	65	-11	34.4	3.82	7.0	Grand Turk Island.	....	....	....	....	0.34
Petersburg†.....	65	9	40.0	4.64	....	Ridleyville†.....	66	-9	33.3	2.88	....	EXPLANATION OF SIGNS.	....	....	....	....	....
Radford†.....	....	....	....	....	Rowlesburg†.....	66	-9	33.3	2.88	....	* Extremes of temperature from observed readings of dry thermometer.	....	....	....	....	....	
Richmond (near)†.....	70	7	41.4	4.21	T.	Sandyville†.....	66	-9	33.3	2.88	....	† Weather Bureau instruments.	....	....	....	....	....
Rocky Mountain†.....	64	4	41.0	3.94	1.0	Spencer†.....	55	-15	33.4	2.16	6.0	‡ Record furnished by the Arrowhead Reservoir Company, in the San Bernardino Mountains, San Bernardino County, Cal., at elevations varying from 4,000 to 6,900 feet.	....	....	....	....	....
Salem†.....	67	4	40.5	4.37	T.	Tannery* <sup>1</sup> .....	58	0	30.7	....	....	A numerical following the name of a station indicates the hours of observation from which the mean temperature was obtained, thus:	....	....	....	....	....
Saltville.....	68	-1	37.1	3.39	0.3	Weston b* <sup>1</sup> .....	62	-4	33.9	....	....	1 Mean of 7 a. m. + 2 p. m. + 9 p. m. + 4 p. m. + 2.	....	....	....	....	....
Smithville†.....	69	5	39.6	3.15	T.	Wheeling a†.....	62	-1	34.5	1.71	3.8	2 Mean of 8 a. m. + 8 p. m. + 2.	....	....	....	....	....
Speers Ferry†.....	....	....	....	....	Wheeling b†.....	62	-1	34.5	2.25	6.0	3 Mean of 6 a. m. + 6 p. m. + 2.	....	....	....	....	....	
Spottsfield†.....	67	9	40.6	6.26	0.1	White Sulphur Springs†.....	67	-3	33.9	....	....	4 Mean of 6 a. m. + 6 p. m. + 2.	....	....	....	....	....
Stanardsville†.....	63	4	36.6	4.79	0.8	Wisconsin.	....	....	....	....	....	5 Mean of 6 a. m. + 6 p. m. + 2.	....	....	....	....	....
Staunton†.....	62	3	36.4	3.81	0.2	Amherst.....	58	-17	19.5	0.60	6.0	6 Mean of 6 a. m. + 6 p. m. + 2.					

TABLE III.—Data from Canadian stations for the month of February, 1896.

Stations.	Pressure.			Temperature.		Precipitation.		Prevailing direction of wind.	Total depth of snow.
	Mean not reduced.		Mean reduced.	Departure from normal.		Mean.	Total.		
	Inches.	Inches.	Inches.	o	o	Inches.	Inches.		
St. Johns, N. F. ....	29.46	29.61	- .31	23.9	+ 1.7	5.26	n.	39.0	
Sydney, C. B. I. ....	29.65	29.71	- .24	22.0	+ 3.5	3.19	- 1.00	nw.	22.5
Halifax, N. S. ....	29.66	29.80	- .18	23.6	+ 2.6	4.19	- 0.51	ne.	23.4
Grand Manan, N. B. ....	29.73	29.78	.....	24.0	.....	4.06	+ 0.50	w.	11.7
Yarmouth, N. S. ....	29.70	29.78	- .26	23.8	.....	4.26	- 1.56	nw.	18.5
St. Andrews, N. B. ....	29.70	29.78	.....	20.7	.....	5.06	+ 1.30	nw.	29.4
Charlottetown, P. E. I. ....	29.70	29.74	.....	18.3	.....	1.48	- 2.22	w.	12.0
Chatham, N. B. ....	29.74	29.76	- .93	13.8	+ 4.3	3.53	+ 0.22	w.	32.2
Father Point, Que. ....	29.77	29.80	- .20	11.2	+ 1.2	2.80	+ 1.18	nw.	29.9
Quebec, Que. ....	29.47	29.83	- .21	12.8	+ 2.8	1.82	- 1.57	ne.	12.5
Montreal, Que. ....	29.62	29.84	- .21	13.8	+ 0.8	3.34	+ 0.52	nw.	26.1
Rockcliffe, Ont. ....	29.32	29.87	- .19	8.8	+ 2.3	1.94	- 0.38	se.	18.8
Kingston, Ont. ....	29.52	29.86	- .22	16.4	- 0.1	2.86	+ 0.42	ne.	29.6
Toronto, Ont. ....	29.48	29.89	- .20	21.7	+ 1.2	3.94	+ 1.63	w.	29.6
White River, Ont. ....	28.45	29.91	.....	4.5	+ 6.0	1.38	+ 0.16	n.	13.8
Port Stanley, Ont. ....	29.24	29.92	- .17	23.7	.....	3.81	+ 0.89	w.	34.3
Saugeen, Ont. ....	29.12	29.88	- .18	20.5	+ 3.0	2.41	- 0.03	e.	22.2

TABLE IV.—Meteorological observations at Honolulu, Republic of Hawaii, by Curtis J. Lyons, Meteorologist to the Government Survey.

Pressure is corrected for temperature and reduced to sea level, but the gravity correction, -0.06, is still to be applied.

The absolute humidity is expressed in grains of water, per cubic foot, and is the average of four observations daily.

The average direction and force of the wind and the average cloudiness for the whole day are given unless they have varied more than usual, in which case the extremes are given. The scale of wind force is 0 to 10. Two directions of wind, connected by a dash, indicate change from one to the other; also same for force.

The rainfall for twenty-four hours is given as measured at 6 a. m. on the respective dates.

February, 1896.	Pressure at sea level.		Temperature.		Humidity.		Wind.		Rain measured at 6 a. m.					
	9 a. m.	3 p. m.	9 a. m.	2 p. m.	9 a. m.	9 p. m.	Relative.	Absolute.						
	Inches.	Inches.	o	o	Maximum.	Minimum.	Direction.	Force.						
1 ..	30.21	30.12	30.19	70	73	o	85	75	7.0	ne.	4	4	7.0	Inches.
2 ..	30.23	30.12	30.22	73	76	72	74	71	6.5	ene.	6	4	4.0	.....
3 ..	30.22	30.12	30.19	72	74	73	72	71	5.6	ne.	6	4	4.2	.....
4 ..	30.21	30.11	30.18	71	74	72	76	70	5.3	ne.	5	4	0.00	.....
5 ..	30.14	30.04	30.10	71	72	72	76	71	6.0	ne.	5	5	0.00	.....
6 ..	30.09	29.97	30.05	70	76	68	78	67	7.0	74	5	5	0.19	.....
7 ..	30.07	29.97	30.07	68	76	69	76	66	6.3	ne.	3	3	0.34	.....
8 ..	30.07	29.98	30.07	70	75	68	75	67	7.0	90	6	4	0.20	.....
9 ..	30.07	29.99	30.06	68	74	70	76	65	78	74	4	5	0.54	.....
10 ..	30.09	29.99	30.05	68	72	70	73	64	74	77	5	5	0.35	.....
11 ..	30.08	29.98	30.07	68	75	70	75	66	74	70	6	5	0.16	.....
12 ..	30.07	29.98	30.06	62	74	68	75	62	56	64	5	1	0.03	.....

TABLE III.—Data from Canadian stations—Continued.

Stations.	Pressure.			Temperature.		Precipitation.		Prevailing direction of wind.	Total depth of snow.
	Mean not reduced.		Mean reduced.	Departure from normal.		Mean.	Total.		
	Inches.	Inches.	Inches.	o	o	Inches.	Inches.		
Parry Sound, Ont. ....	29.13	29.88	- .19	14.8	+ 2.8	2.62	+ 0.22	n.	23.0
Port Arthur, Ont. ....	29.16	29.91	- .18	9.8	+ 4.3	0.21	- 1.13	w.	2.1
Winnipeg, Man. ....	29.08	29.98	- .18	3.8	+ 8.8	0.42	- 0.75	n.	4.2
Minnedosa, Man. ....	29.02	29.97	- .18	6.1	- 12.1	0.14	- 0.84	n.w.	1.4
Qu'Appelle, Assin. ....	27.58	29.99	- .15	10.4	+ 12.9	0.27	- 0.40	s.	1.7
Medicine Hat, Assin. ....	27.56	29.96	- .18	24.6	+ 14.1	1.24	+ 0.80	s.	10.4
Swift Cur't, Assin. ....	27.29	29.99	- .15	19.4	+ 13.4	1.04	+ 0.28	w.	10.4
Calgary, Alberta. ....	26.23	29.91	- .18	22.2	+ 12.7	1.94	+ 1.18	w.	19.4
Prince Albert, Sask. ....	28.36	29.99	.....	5.7	.....	0.69	.....	n.w.	4.9
Edmonton, Alberta. ....	27.48	29.93	.....	19.9	+ 13.3	0.63	+ 0.17	n.w.	6.3
Battleford, Sask. ....	28.10	29.95	.....	10.0	.....	0.01	.....	se.	0.1
Spences Br'ge, B. C. ....	29.16	30.00	.....	38.6	.....	1.09	.....	sw.	8.6
Hamilton, Bermuda. ....	29.87	30.03	- .08	62.3	.....	5.18	.....	sw.	.....
Banff, Alberta. ....	30.04	30.07	.....	24.1	.....	0.65	.....	sw.	.....
Ottawa, Ont. ....	29.52	29.91	.....	41.6	.....	6.80	.....	w.	6.0
				12.2	.....	4.03	.....		35.1

TABLE IV.—Meteorological observations at Honolulu—Continued.

February, 1896.	Pressure at sea level.				Temperature.		Humidity.		Wind.	Rain measured at 6 a. m.					
	9 a. m.	3 p. m.	9 a. m.	2 p. m.	6 a. m.	7 p. m.	Maximum.	Minimum.							
	Inches.	Inches.	o	o	o	o	Relative.	Absolute.							
13 ..	30.07	29.98	30.05	60	69	69	76	65	5.2	nne.	2	3-0-4	Inches.		
14 ..	30.02	29.94	30.00	68	75	66	78	55	5.3	nne-s.	3	0.00			
15 ..	29.98	29.90	29.96	62	76	66	77	50	6.0	s.e.	1	2	0.00		
16 ..	29.97	29.90	29.97	62	77	67	76	50	6.3	nw.	3	0.00			
17 ..	29.99	29.92	30.01	63	77	67	78	52	6.2	w-s-w.	2	2	0.00		
18 ..	30.08	30.02	30.09	63	75	65	78	51	6.3	s-w.	2	3	0.00		
19 ..	30.11	30.02	30.09	62	75	65	78	50	5.9	s.	1	3-0	0.00		
20 ..	30.08	30.00	30.05	62	77	66	78	49	6.0	w-s.	2	8-4-0	0.00		
21 ..	30.03	29.92	30.02	63	75	66	78	48	6.9	w-s.	1	2	0.56		
22 ..	30.03	29.95	30.03	64	77	70	79	63	7.0	s.	1	4	0.26		
23 ..	30.06	29.97	30.07	68	78	71	79	67	7.4	s.	3-0	4	0.00		
24 ..	30.14	30.05	30.13	71	79	69	81	70	7.5	s.	1	2	0.00		
25 ..	30.18	30.10	30.19	69	79	73	80	67	8.0	s.	1	2	0.00		
26 ..	30.18	30.10	30.15	68	77	74	78	67	7.0	s-w-n-e	1-3	2-10-4	0.00		
27 ..	30.12	30.04	30.11	73	76	74	78	64	6.1	ene.	5-3	5	0.08		
28 ..	30.09	29.99	30.05	72	73	70	76	71	7.1	ene.	3	4	0.00		
29 ..	30.04	29.95	30.02	68	76	70	79	67	7.2	sw.	1	5	0.00		
	30.09	30.00	30.08	67.2	75.8	69.5	77.3	66.2	72.3	79.5	6.3	.....	2-7	3.9	3.00

Mean temperature:  $6 + 2 + 9 + 3 = 70.8$ ; the normal is 70.4; extreme temperatures,  $81^{\circ}$  and  $60^{\circ}$ .

TABLE V.—Mean temperature for each hour of seventy-fifth meridian time, February, 1896.

Stations.	Temperature												Humidity													
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.		
Bismarck, N. Dak.	13.6	12.7	11.8	11.3	10.7	10.2	10.4	10.5	9.6	11.0	13.3	15.9	18.4	21.0	23.1	24.4	24.7	23.9	21.7	19.7	17.7	16.4	15.3	14.2	15.9	
Boston, Mass.	26.8	26.3	26.2	25.9	25.5	25.8	25.2	25.1	25.3	26.6	29.0	29.6	31.4	32.2	33.1	32.9	32.6	32.3	31.5	30.7	29.6	29.2	28.7	28.8	27.8	26.8
Buffalo, N. Y.	24.5	24.3	24.4	24.6	24.2	24.2	24.2	24.6	25.0	25.6	26.3	26.8	27.1	27.1	27.7	27.6	27.0	26.3	25.8	25.0	24.7	24.4	24.1	24.4	25.5	
Chicago, Ill.	26.2	25.9	25.4	25.4	25.0	24.8	24.5	24.3	24.1	24.7	25.4	26.3	27.2	27.7	28.1	28.3	28.6	28.8	28.4	28.1	27.6	27.0	26.7	26.1	26.6	
Cincinnati, Ohio.	33.8	33.4	33.2	32.4	32.1	31.7	31.8	30.9	31.3	32.2	33.9	35.2	36.5	37.5	38.0	38.2	37.9	37.4	36.8	36.0	35.1	34.4	34.1	33.5	34.4	
Cleveland, Ohio	27.0	26.9	26.8	26.4	26.5	26.3	26.1	26.2	26.8	27.7	28.7	29.3	29.6	29.9	30.3	30.4	30.3	29.7	29.1	28.6	28.2	27.4	27.2	26.8	28.0	
Detroit, Mich.	24.0	23.9	23.6	23.4	23.3	23.0	22.9	23.4	24.3	25.3	26.7	27.5	28.3	28.6	28.8	28.9	28.6	27.7	26.7	26.0	25.3	24.8	24.2	23.7	25.5	
Dodge City, Kans.	34.4	34.0	32.7	30.8	29.4	29.1	28.1	27.3	27.6	31.2	38.1	42.4	44.4	50.3	51.6	52.3	52.1	49.6	44.3	41.4	39.9	37.2	36.0	35.9	38.9	
Eastport, Me.	21.3	20.7	20.3	19.9	19.7	19.4	19.2	19.7	20.4	21.5	22.7	23.5	24.3	24.9	25.2	25.2	25.1	24.6	24.1	23.9	23.4	23.1	22.8	22.7	22.4	
Galveston, Tex.	58.2	55.8	55.5	55.1	54.8	54.6	54.4	54.2	54.2	54.8	55.9	57.4	58.2	58.7	58.8	59.0	58.9	58.7	58.1	57.6	57.2	57.0	56.7	56.3	56.6	
Havre, Mont.	26.5	25.4	25.3	25.7	25.7	26.1	24.7	23.7	23.3	22.6	25.2	26.4	28.5	29.7	31.2	31.7	31.7	31.7	30.1	28.9	28.1	26.9	26.3	25.9	27.1	
Kansas City, Mo.	34.4	33.9	33.3	32.7	32.3	31.3	30.9	30.5	30.8	32.2	34.1	36.1	38.2	40.2	41.4	41.9	42.1	41.7	40.3	39.1	37.6	36.7	35.8	35.0	35.0	
Key West, Fla.	67.1	67.0	66.9	66.7	66.7	66.6	67.1	67.5	68.3	69.8	69.2	69.3	69.3	69.4	69.1	68.7	68.1	67.6	67.5	67.6	67.4	67.2	67.8			
Memphis, Tenn.	43.8	43.1	42.3	41.7	41.0	40.2	39.7	39.3	39.3	40.2	41.8	43.5	45.0	46.4	47.6	48.5	49.0	49.0	48.0	47.3	46.6	45.8	44.8	44.2	44.1	
New Orleans, La.	53.2	52.7	52.5	52.4	52.1	51.7	51.1	50.6	51.1	53.5	56.0	58.9	60.1	60.8	61.9	62.6	62.4	61.5	59.6	57.8	56.3	55.1	54.2	53.6	55.9	
New York, N. Y.	28.2	27.8	27.4	27.1	27.1	26.7	26.6	26.8	27.7	28.9	30.3	31.4	32.7	33.6	34.5	33.9	33.1	32.0	31.3	30.9	30.5	29.7	29.8	29.0	30.0	
Philadelphia, Pa.	31.1	30.9	30.7	30.4	30.2	30.0	29.4	29.8	30.8	32.8	33.9	35.5	37.1	37.9	38.5	38.6	38.0	36.9	35.7	34.9	34.1	33.1	32.3	32.0	33.5	
Pittsburg, Pa.	31.8	31.3	30.7	30.1	29.7	29.4	29.3	29.7	30.2	31.4	32.8	34.1	35.3	35.9	36.1	36.3	35.4	34.5	33.9	33.3	32.9	32.3	31.9	32.7		
Portland, Oreg.	46.0	45.3	44.5	44.2	44.0	43.2	43.0	42.9	42.5	42.4	42.4	43.7	45.0	46.2	47.8	48.9	49.6	49.3	48.8	47.7	47.0	46.3	46.0	45.7		
St. Louis, Mo.	35.8	35.2	34.6	33.9	33.1	32.6	32.2	31.9	32.3	33.4	35.5	37.4	38.8	39.7	40.8	41.5	41.6	40.8	39.7	38.4	37.9	37.3	36.3	35.6	36.5	
St. Paul, Minn.	19.8	19.0	18.2	17.4	16.8	16.2	15.7	15.1	15.0	16.2	18.6	21.1	23.1	24.8	26.1	27.0	27.0	26.7	25.6	24.6	23.6	22.5	21.4	20.6	20.9	
Salt Lake City, Utah	34.1	33.5	33.1	32.4	32.6	32.7	31.9	31.0	30.7	32.7	33.8	36.1	38.4	40.8	42.2	43.6	43.7	43.8	42.8	40.8	38.1	36.7	36.0	35.1	36.4	
San Diego, Cal.	54.8	54.0	53.6	53.5	52.9	52.5	51.8	51.9	51.5	51.3	55.2	59.0	62.0	63.5	64.5	64.6	64.8	64.7	63.6	62.4	60.2	58.5	56.9	55.7	57.6	
San Francisco, Cal.	53.5	53.2	52.8	52.8	51.8	51.1	50.5	49.9	49.4	49.6	50.2	51.6	53.3	55.6	57.9	59.7	61.4	61.5	60.2	58.7	57.1	55.9	54.9	54.2	54.4	
Savannah, Ga.	49.9	49.2	48.3	47.6	47.0	46.4	46.0	47.2	49.0	52.9	55.7	58.2	60.3	61.4	61.8	59.8	57.3	55.6	54.3	53.1	52.3	51.5	50.7	53.3		
Washington, D. C.	34.1	33.4	33.4	32.7	32.2	31.8	31.5	32.1	32.9	34.2	36.1	38.4	39.7	40.4	41.0	41.2	40.7	39.5	37.8	37.2	36.3	36.0	35.6	34.7	36.0	

TABLE VI.—*Mean pressure for each hour of seventy-fifth meridian time, February, 1896.*

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 d. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
Bismarck, N. Dak.	28.172	.171	.169	.166	.165	.167	.172	.176	.183	.186	.182	.182	.178	.168	.157	.152	.152	.157	.163	.172	.175	.174	.176	.178	.171
Boston, Mass.	29.701	.703	.698	.708	.711	.717	.732	.742	.742	.740	.735	.714	.690	.674	.671	.667	.669	.672	.676	.677	.685	.683	.682	.679	.699
Buffalo, N. Y.	29.121	.121	.114	.108	.112	.112	.117	.117	.119	.113	.107	.106	.087	.078	.074	.075	.086	.100	.114	.121	.119	.118	.118	.113	.107
Chicago, Ill.	29.039	.035	.036	.032	.028	.037	.043	.049	.056	.057	.059	.058	.046	.034	.027	.028	.031	.033	.039	.043	.044	.043	.043	.042	.041
Cincinnati, Ohio.	29.313	.309	.308	.302	.301	.307	.314	.321	.334	.333	.334	.326	.311	.295	.282	.284	.286	.293	.305	.310	.312	.313	.309	.307	.309
Cleveland, Ohio.	29.117	.114	.109	.100	.093	.098	.101	.102	.101	.095	.096	.098	.087	.072	.070	.071	.080	.093	.100	.108	.111	.113	.112	.112	.098
Detroit, Mich.	29.127	.125	.118	.110	.106	.106	.110	.113	.118	.117	.117	.111	.103	.093	.088	.092	.098	.108	.118	.122	.128	.130	.129	.128	.113
Dodge City, Kans.	27.392	.394	.393	.393	.391	.392	.398	.405	.417	.419	.419	.418	.411	.397	.363	.305	.346	.348	.354	.363	.370	.377	.379	.383	.386
Eastport, Me.	29.600	.601	.602	.603	.670	.682	.700	.710	.714	.719	.710	.697	.686	.678	.671	.674	.679	.684	.687	.688	.683	.673	.650	.653	.682
Galveston, Tex.	30.057	.051	.043	.036	.032	.034	.040	.055	.067	.080	.089	.088	.071	.048	.025	.013	.006	.008	.011	.020	.031	.043	.046	.055	.044
Havre, Mont.	27.278	.275	.276	.271	.269	.269	.272	.277	.281	.293	.301	.310	.313	.310	.300	.290	.289	.298	.295	.298	.292	.293	.295	.294	.298
Kansas City, Mo.	29.008	.006	.006	.002	.999	.001	.009	.018	.026	.032	.038	.038	.030	.011	.994	.983	.982	.983	.992	.001	.004	.006	.005	.007	.007
Key West, Fla.	30.088	.078	.068	.064	.064	.071	.083	.099	.116	.125	.128	.112	.092	.069	.055	.049	.049	.053	.063	.075	.084	.089	.090	.087	.081
Memphis, Tenn.	29.611	.606	.603	.599	.598	.604	.615	.632	.642	.650	.650	.650	.632	.606	.557	.570	.577	.582	.592	.601	.602	.601	.606	.607	.610
New Orleans, La.	30.030	.028	.020	.015	.012	.017	.027	.038	.050	.060	.063	.054	.030	.003	.982	.973	.968	.973	.982	.996	.009	.013	.022	.024	.016
New York, N. Y.	29.557	.556	.550	.543	.547	.553	.560	.568	.566	.560	.560	.560	.526	.501	.483	.481	.484	.491	.501	.510	.518	.522	.525	.526	.529
Philadelphia, Pa.	29.807	.806	.801	.798	.797	.802	.808	.815	.819	.817	.809	.786	.764	.742	.732	.730	.736	.746	.758	.765	.770	.777	.777	.778	.781
Pittsburgh, Pa.	29.039	.038	.034	.031	.030	.030	.030	.037	.036	.032	.028	.021	.005	.991	.998	.994	.003	.014	.020	.026	.030	.026	.028	.022	
Portland, Oreg.	30.010	.012	.013	.013	.017	.019	.018	.018	.020	.025	.032	.030	.044	.043	.030	.018	.006	.006	.996	.993	.996	.997	.999	.004	.015
St. Louis, Mo.	29.419	.412	.409	.406	.404	.407	.412	.418	.428	.432	.437	.434	.421	.401	.386	.388	.396	.390	.399	.408	.410	.416	.411	.410	
St. Paul, Minn.	29.092	.098	.047	.048	.046	.049	.053	.053	.060	.063	.062	.060	.049	.031	.015	.008	.007	.012	.021	.028	.027	.040	.031	.033	.038
Salt Lake City, Utah	25.779	.777	.772	.767	.764	.757	.755	.765	.770	.777	.784	.785	.787	.778	.761	.745	.738	.734	.733	.736	.742	.748	.750	.753	.761
San Diego, Cal.	30.034	.036	.037	.039	.027	.016	.010	.010	.018	.032	.045	.051	.051	.048	.032	.009	.989	.983	.981	.986	.994	.006	.015	.023	
San Francisco, Cal.	30.042	.046	.048	.043	.041	.036	.032	.034	.040	.046	.058	.066	.072	.073	.060	.019	.009	.999	.002	.006	.014	.022	.031	.087	
Savannah, Ga.	29.960	.958	.955	.954	.958	.962	.972	.980	.989	.992	.996	.969	.937	.910	.897	.892	.898	.909	.919	.928	.935	.941	.948	.943	.945
Washington, D. C.	29.837	.832	.830	.827	.829	.832	.837	.844	.849	.849	.837	.819	.798	.781	.774	.775	.777	.788	.800	.810	.817	.822	.819	.817	.817

## MONTHLY WEATHER REVIEW.

FEBRUARY, 1896

TABLE VII.—Average wind movement for each hour of seventy-fifth meridian time, February, 1896.

Stations.	1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	Midnight.	Mean.	
Abilene, Tex.	10.4	10.4	9.7	9.8	9.4	8.9	8.5	8.7	8.0	8.5	9.9	11.7	13.1	13.5	13.3	13.1	12.3	8.6	8.4	8.1	8.7	10.2	10.4		
Albany, N. Y.	6.9	8.1	8.2	8.9	8.4	8.7	9.0	9.4	10.0	10.6	11.6	11.3	12.2	12.7	12.1	12.7	10.9	10.3	9.9	8.2	7.6	6.2	6.3	9.5	
Alpena, Mich.	9.7	9.0	9.9	10.0	10.0	9.8	10.4	10.6	10.7	11.8	12.6	13.4	12.9	13.1	12.7	12.2	12.4	10.9	10.3	10.2	10.6	10.2	11.1		
Amarillo, Tex.	13.8	14.3	14.0	13.3	13.1	12.8	12.2	12.4	12.7	13.3	14.9	17.4	19.3	20.9	20.0	20.7	21.4	20.9	19.4	16.1	15.1	14.6	14.8	15.1	15.9
Atlanta, Ga.	11.8	12.0	11.1	10.9	11.1	11.9	12.1	12.4	13.3	14.0	13.5	14.3	14.2	14.1	13.7	13.6	12.9	10.6	11.3	12.0	11.9	11.8	11.9	12.4	
Augusta, Ga.	5.9	6.0	5.7	5.7	6.0	5.8	6.5	6.1	6.4	8.3	10.3	11.5	12.9	12.0	12.0	11.8	11.4	9.4	7.3	6.6	5.5	5.4	5.7	7.9	
Baker City, Oreg.	5.2	5.9	6.1	6.7	5.7	5.7	5.6	5.8	5.8	5.7	5.6	6.0	5.7	6.6	6.5	6.4	6.8	6.0	5.3	5.6	4.1	4.3	5.2	5.7	
Baltimore, Md.	9.3	9.0	8.9	9.3	10.0	9.9	10.1	10.0	10.3	11.7	12.2	11.8	12.1	12.3	12.4	12.6	12.4	11.9	11.3	9.9	9.8	9.1	8.8	9.3	10.5
Bismarck, N. Dak.	7.9	8.2	7.9	7.5	7.4	8.2	8.5	9.3	9.2	9.3	10.2	11.8	12.3	13.9	13.6	13.3	12.2	10.6	8.4	7.8	8.3	8.2	7.7	9.8	
Block Island, R. I.	21.7	21.0	21.3	20.8	21.9	23.1	22.4	23.4	22.9	23.4	24.0	24.3	24.4	23.1	23.0	23.6	24.1	22.8	23.9	23.9	23.8	23.8	24.0	23.1	
Boston, Mass.	13.4	12.2	12.0	12.8	13.9	14.0	14.3	14.9	16.3	16.1	17.0	17.2	17.9	18.0	17.9	17.0	15.5	15.2	15.0	15.0	14.6	14.3	14.0	15.0	
Buffalo, N. Y.	14.9	15.5	16.0	16.5	16.3	16.3	16.2	16.3	16.3	17.0	17.3	17.6	16.8	17.1	15.6	15.1	14.7	15.3	15.4	15.8	15.0	16.1			
Cairo, Ill.	9.9	9.3	9.7	9.6	9.6	10.4	10.4	10.7	10.8	11.7	11.4	11.6	11.6	12.1	12.3	11.7	11.0	10.5	10.5	11.4	10.9	10.7			
Cape Henry, Va.	14.8	14.4	14.8	14.7	15.3	15.8	16.3	15.9	17.4	18.1	17.1	16.6	16.2	16.8	16.3	15.8	15.7	15.5	16.0	14.9	14.4	14.5	15.9		
Charleston, S. C.	8.6	8.3	8.3	7.9	7.7	8.4	8.7	9.3	10.3	11.1	12.0	13.0	13.1	13.2	12.4	10.5	8.5	8.2	7.9	8.3	9.7	9.4	11.0		
Charlotte, N. C.	7.8	8.1	7.9	8.9	8.6	7.8	7.3	7.6	7.7	9.1	10.8	12.4	12.7	13.6	13.9	13.4	12.0	10.4	8.6	8.7	9.2	8.9	8.8	9.7	
Chattanooga, Tenn.	7.9	8.0	7.7	6.6	7.6	7.5	7.1	7.4	7.7	8.3	9.0	9.7	10.1	10.6	10.7	11.4	10.8	9.6	8.2	8.2	8.2	8.0	7.4	8.6	
Cheyenne, Wyo.	13.3	13.7	12.9	14.0	13.4	13.2	12.7	12.8	12.6	13.2	14.3	16.2	16.5	17.3	17.2	17.8	18.4	17.7	17.0	14.6	13.2	12.7	14.6		
Chicago, Ill.	20.4	20.2	19.1	18.7	18.7	18.3	18.7	18.9	18.9	19.0	20.6	20.3	20.4	21.1	21.1	21.3	21.0	20.7	20.4	20.1	20.3	20.0	19.9		
Cincinnati, Ohio.	9.2	10.0	9.8	9.9	9.6	9.4	10.0	9.8	10.3	11.3	12.1	12.8	13.7	13.4	13.5	13.8	13.1	11.7	10.7	10.4	10.2	10.0	9.7	9.4	
Cleveland, Ohio.	16.4	17.1	16.7	16.3	15.6	16.2	17.9	16.7	16.9	17.2	17.7	17.3	17.8	18.2	18.2	17.3	16.8	16.1	16.6	16.7	16.8	17.1	16.6	17.0	
Columbia, Mo.	9.9	10.0	9.9	10.0	9.7	9.4	8.9	9.1	9.2	9.7	10.7	11.0	11.5	11.1	11.0	11.6	11.8	10.9	9.5	9.1	8.7	9.1	9.5	10.1	
Columbus, Ohio.	8.2	7.9	8.5	8.5	8.0	8.3	7.8	7.8	8.6	8.6	9.3	9.8	9.9	10.3	11.3	11.0	10.3	9.4	9.0	9.0	8.5	8.4	8.2	8.9	
Concordia, Kans.	5.7	5.6	5.0	5.7	5.4	5.1	5.8	5.5	5.5	5.7	8.6	9.3	9.7	10.3	10.4	10.4	9.4	7.4	5.9	6.1	6.4	6.2	6.4	7.3	
Corpus Christi, Tex.	9.7	9.3	9.6	9.4	9.4	9.7	9.6	9.3	9.2	9.7	11.8	12.8	13.2	13.3	14.1	14.7	13.4	12.1	10.9	10.2	9.8	10.1	9.5	11.0	
Davenport, Iowa.	10.0	9.3	9.0	8.9	8.9	8.8	9.3	9.5	9.6	10.7	11.6	12.4	13.1	13.9	14.0	14.2	13.8	12.8	11.3	10.3	10.5	10.1	11.0		
Denver, Colo.	9.3	9.7	9.8	8.2	8.9	9.3	9.6	9.0	9.2	8.6	8.5	8.5	9.3	9.5	10.2	10.7	11.1	11.3	10.7	9.4	9.9	9.5			
Des Moines, Iowa.	7.2	7.4	7.6	7.1	7.2	7.2	7.3	7.3	8.2	9.1	9.7	10.3	10.7	11.4	11.1	11.1	11.0	10.2	9.2	7.6	7.4	8.0	7.3	8.7	
Detroit, Mich.	12.1	12.6	11.6	12.2	12.6	12.5	12.2	12.9	12.8	13.8	14.1	14.3	14.6	14.5	14.7	14.1	14.1	14.4	13.2	12.8	13.1	12.8	13.2	13.2	
Dodge City, Kans.	6.8	7.6	8.9	8.0	7.6	8.1	9.3	8.7	8.8	10.9	13.0	15.1	15.5	16.0	16.0	16.0	14.7	12.1	7.7	6.7	6.2	7.3	10.6		
Duluth, Minn.	8.7	9.6	9.2	8.6	9.1	10.1	10.6	10.6	11.1	10.8	10.6	10.4	10.6	11.3	12.1	12.1	11.2	10.4	9.3	9.8	10.4	9.9	9.0	10.3	
Eastport, Me.	15.6	15.6	15.4	15.6	15.0	14.4	13.7	13.6	13.5	13.6	13.2	14.0	14.0	14.7	14.7	14.7	16.2	15.1	17.3	17.4	17.1	15.1			
El Paso, Tex.	11.1	11.2	10.7	10.4	10.9	10.7	9.7	9.9	10.3	9.9	10.8	11.6	13.6	14.9	15.5	14.8	14.2	14.0	13.2	11.2	11.4	10.4	11.7		
Erie, Pa.	14.7	13.9	14.3	14.8	14.7	14.7	15.2	16.0	16.2	16.3	15.5	14.8	14.7	15.1	14.4	14.4	13.8	13.1	13.9	13.9	14.1	14.6			
Eureka, Cal.	4.9	4.5	4.1	3.7	3.8	3.9	3.7	3.9	3.5	3.2	2.9	3.0	4.9	6.5	8.4	10.2	10.6	11.3	11.9	9.8	7.9	6.3	6.1		
Fort Canby, Wash.	17.1	17.1	18.2	18.8	18.7	19.6	20.0	17.5	16.9	16.1	15.9	14.8	14.4	14.9	14.5	15.5	15.7	16.4	16.8	16.6	16.4	16.2	16.7		
Fort Smith, Ark.	6.1	5.9	6.3	6.8	6.5	6.0	6.1	6.5	7.1	7.8	7.6	7.1	8.1	8.5	8.9	9.3	9.6	9.0	7.6	6.7	6.3	6.0	6.3	7.2	
Fresno, Cal.	4.3	4.4	4.4	4.1	4.0	3.8	4.0	4.0	4.1	3.8	4.0	4.4	5.2	5.4	5.2	5.2	5.3	5.1	5.6	5.7	4.2	4.1	4.7	4.6	
Galveston, Tex.	10.2	10.4	10.5	10.2	11.0	11.4	12.1	11.7	12.3	13.0	13.7	14.2	14.1	14.6	14.4	14.4	13.7	12.2	10.8	10.2	10.0	10.4	12.0		
Grand Haven, Mich.	11.9	11.9	12.3	12.2	12.6	11.9	11.7	11.2	11.2	13.3	13.2	13.4	13.1	13.9	13.0	13.6	12.6	12.0	11.8	12.0	12.3	12.5			
Green Bay, Wis.	10.4	9.4	8.5	8.3	8.0	7.8	7.7	7.0	8.0	8.4	10.1	10.1	10.6	10.6	11.2	12.2	12.1	11.3	10.4	9.4	8.9	9.1	9.6		
Hannibal, Mo.	9.5	10.4	10.2	10.5	10.9	10.4	10.0	10.1	10.3	10.6	11.8	12.6	12.2	11.7	10.7	9.9	8.6	8.9	9.0	9.9	10.2	10.5			
Harrisburg, Pa.	9.3	10.9	9.7	10.3	10.8	10.9	10.2	10.7	10.7	11.6	12.3	11.3	11.9	12.0	12.0	11.2	11.1	11.1	10.5	10.6	10.5	9.3	11.1		
Hatteras, N. C.	18.7	18.1	17.8	17.6	17.7	17.5	17.3	17.6	18.1	18.7	18.0	18.4	18.4	18.4	18.7	18.1	18.1	18.9	18.1	18.7	18.5	18.6	18.2		
Havre, Mont.	12.1	12.4	12.8	12.4	12.9	13.7	14.0	13.7	13.8	13.4	14.2	14.4	16.0	15.5	14.9	13.8	12.1	11.8	11.6	10.6	10.8	11.4	12.9		
Helena, Mont.	8.9	8.2	8.6	8.7	9.6	9.6	10.1	9.0	9.0	10.2	11.9	11.7	11.3	10.4	10.4	11.1	12.2	11.3	10.0	10.5	10.7	9.8	9.1	10.0	
Huron, S. Dak.	13.1	12.9	12.9	12.6	12.4	12.2	11.4	11.1	11.2	11.5	13.2	13.9	14.9	14.5	15.7	15.4	15.2	15.4	12.1	12.5	12.7	13.1	13.5		
Idaho Falls, Idaho.	6.8	6.4	7.1	7.4	7.6	7.3	7.4	6.9	7.1	7.3	8.6	9.3	9.6	9.3	10.6	10.5	10.1	9.3	7.4	7.6	8.1	7.6	8.4		
Independence, Cal.	8.2	8.6	8.3	8.3	8.3	9.2	9.7	8.7	8.6	9.2	9.8	10.8	10.7	10.2	10.2	10.1	10.1	10.5	9.0	9.5	9.0	8.7	8.9		
Indianapolis, Ind.	7.3	7.1	7.0	7.2	6.7	6.7	6.9	7.0	7																

TABLE VII.—*Average wind movement, etc.*—Continued.

Stations.	Mean.																								
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	
Pensacola, Fla.	12.1	12.1	11.6	11.6	11.3	11.2	11.1	10.3	9.6	10.2	11.2	12.5	13.0	13.1	13.4	14.1	14.4	13.8	11.6	10.3	9.9	11.0	11.6	11.8	
Philadelphia, Pa.	18.1	12.8	12.3	12.6	13.4	13.6	13.9	13.8	14.1	14.1	14.2	14.9	16.2	16.2	15.2	14.7	13.7	12.9	13.3	13.3	12.3	12.1	13.8		
Phoenix.	4.1	4.1	4.5	4.3	4.4	4.6	4.6	4.7	5.0	4.7	4.4	5.3	6.8	6.8	6.3	6.1	5.3	5.1	4.1	3.5	3.2	3.4	3.9	4.8	
Pierre, S. Dak.	6.6	8.0	7.0	7.4	7.3	6.9	6.9	7.6	7.6	8.0	9.2	9.6	10.7	11.8	12.0	12.4	13.0	11.8	11.4	9.8	9.7	8.6	7.0	9.1	
Pittsburg, Pa.	9.0	8.8	9.2	8.8	9.0	9.1	9.3	9.2	8.9	9.8	9.8	9.8	10.3	10.8	10.7	10.0	9.5	9.2	8.8	9.2	8.3	8.1	9.4		
Port Angeles, Wash.	5.8	7.2	7.7	7.3	6.8	6.5	6.2	6.4	6.6	6.9	6.2	5.8	4.7	5.6	7.0	7.2	6.9	6.5	5.9	5.4	5.6	6.0	6.3	6.6	
Port Huron, Mich.	13.4	12.8	12.5	12.5	12.0	12.4	12.6	13.2	13.5	14.9	15.3	15.1	15.2	15.0	15.1	15.7	15.1	13.2	13.3	13.5	13.8	13.9	13.8		
Portland, Me.	7.2	6.8	6.8	6.8	6.8	7.0	7.0	6.6	7.1	8.2	8.3	8.6	8.4	9.2	9.7	10.2	10.4	9.7	9.1	9.5	9.1	9.6	8.2	8.4	
Portland, Ore.	9.0	8.8	8.7	7.7	8.8	8.6	9.0	8.8	8.9	10.2	9.6	9.1	10.6	10.6	11.3	11.6	11.0	10.7	9.7	9.8	9.4	9.3	9.7		
Pueblo, Colo.	7.1	6.6	6.7	6.7	6.8	6.3	6.1	6.3	6.6	6.9	7.3	9.4	9.6	9.3	9.2	10.2	9.9	10.1	9.5	8.3	7.8	6.9	6.3	7.8	
Raleigh, N. C.	7.4	7.6	7.3	7.4	7.6	7.4	7.1	7.7	8.7	9.3	10.7	10.4	11.4	11.9	11.3	10.6	10.6	9.0	7.5	7.6	7.8	7.4	7.5	7.6	
Rapid City, S. Dak.	8.3	9.3	10.0	10.1	10.3	8.7	11.1	10.0	10.0	9.6	9.6	11.4	12.8	13.3	13.8	13.6	13.4	13.4	11.7	8.9	8.8	8.2	8.5	8.2	10.6
Reddubuff, Cal.	5.7	5.9	5.8	6.5	5.9	6.1	5.4	5.7	6.0	5.3	4.9	5.3	6.8	7.5	8.5	8.6	8.0	7.4	7.0	6.2	6.0	5.7	6.1	6.4	
Rochester, N. Y.	9.6	9.9	9.8	9.8	9.8	10.6	10.3	10.4	10.7	10.6	11.7	12.2	12.2	12.8	12.3	12.2	12.4	11.6	10.6	10.5	9.9	9.4	10.7		
Roseburg, Oreg.	2.3	2.7	2.7	2.8	2.3	2.6	2.8	2.8	2.5	2.3	2.0	3	2.7	3.4	4.3	4.1	5.0	5.2	4.9	4.6	4.3	3.8	3.1	2.8	
Sacramento, Cal.	7.4	7.5	7.0	8.0	7.9	8.0	8.1	7.8	6.7	7.2	7.3	7.8	7.7	7.8	8.5	8.4	8.7	8.1	7.7	7.5	7.0	6.9	7.2	7.5	
St. Louis, Mo.	12.0	12.1	12.3	12.3	12.5	12.6	12.3	12.1	12.4	12.8	13.3	13.4	13.4	14.4	14.6	14.3	13.4	12.6	12.5	11.6	12.3	11.9	11.6	12.7	
St. Paul, Minn.	7.8	7.3	7.4	7.6	7.6	7.8	8.0	8.2	8.2	9.2	9.7	10.1	10.2	10.4	10.8	11.0	10.7	9.9	9.1	8.5	8.0	8.1	8.2	8.9	
Salt Lake City, Utah.	3.7	3.4	3.2	3.9	4.0	4.2	3.9	4.3	4.0	4.0	4.1	4.2	5.3	7.3	7.6	7.9	8.1	8.1	7.9	5.3	4.6	4.0	3.9	5.2	
San Antonio, Tex.	7.7	7.7	7.8	8.4	8.2	8.3	8.2	8.1	7.7	8.4	10.0	11.6	11.7	12.3	11.8	11.7	11.3	12.2	11.1	9.1	9.4	8.9	8.7	9.5	
San Diego, Cal.	2.6	2.9	3.1	3.0	3.4	3.2	2.9	3.0	3.1	3.3	2.7	2.2	2.7	4.3	6.3	8.2	8.6	9.0	8.8	7.4	4.9	3.6	2.5	3.0	4.4
Sandusky, Ohio	9.5	8.7	8.8	8.5	8.8	9.1	8.7	8.5	8.6	8.9	9.6	10.1	10.1	10.1	10.2	9.8	9.6	9.7	9.6	10.1	9.7	9.3	9.4	9.4	
San Francisco, Cal.	6.4	6.7	5.9	5.3	5.0	4.8	5.0	4.6	4.6	4.8	5.6	6.0	6.2	6.3	6.2	6.6	8.7	10.0	11.0	11.8	11.0	10.0	9.2	7.5	
San Luis Obispo, Cal.	3.5	3.2	3.3	2.9	3.0	4.2	3.9	4.0	4.1	4.7	4.9	4.4	4.7	6.0	6.5	7.0	7.8	7.3	6.0	5.5	5.2	4.6	3.9	5.0	
Santa Fe, N. Mex.	5.3	5.0	4.9	5.9	5.8	5.9	5.8	5.5	5.3	6.8	8.2	9.3	10.9	11.1	11.1	10.7	10.8	9.8	9.6	6.8	4.8	5.2	6.3	7.4	
Sault Ste Marie, Mich.	8.3	8.7	7.9	8.5	7.8	7.9	7.5	7.4	7.1	7.6	8.7	9.3	10.0	10.7	10.8	11.2	11.3	10.5	10.2	9.5	9.3	8.8	8.7	9.1	
Savannah, Ga.	9.1	8.8	8.2	7.6	7.7	8.7	8.9	8.9	9.1	10.4	11.9	12.8	13.0	13.4	13.3	13.5	12.7	10.1	8.6	8.8	8.9	8.4	8.4	10.0	
Seattle, Wash.	8.8	8.5	8.6	8.2	7.8	7.8	7.8	7.8	7.6	7.8	7.3	7.3	8.4	8.6	9.0	8.6	8.7	9.2	8.9	8.3	8.8	8.0	8.3	8.3	
Shreveport, La.	6.6	6.7	6.4	6.5	6.7	7.0	7.5	7.5	8.0	8.9	10.3	9.8	9.4	10.7	10.8	10.4	10.8	10.3	8.5	7.1	6.2	6.4	7.2	8.2	
Sioux City, Iowa.	9.6	10.4	9.9	9.7	10.7	10.2	10.0	10.9	11.1	11.7	12.8	13.5	13.1	13.8	14.1	14.9	15.0	13.7	11.8	10.7	10.2	10.0	9.9	11.5	
Spokane, Wash.	7.8	8.7	8.5	8.9	8.6	8.2	8.1	8.7	8.8	8.0	8.4	8.8	9.2	9.8	10.4	9.8	9.7	9.0	8.0	7.8	8.2	8.5	8.2	8.7	
Springfield, Ill.	10.3	10.3	10.2	10.0	10.8	10.2	10.1	10.0	10.3	11.4	12.0	12.2	12.3	12.6	13.2	13.5	12.1	10.6	10.0	10.3	10.1	10.6	10.7	11.1	
Springfield, Mo.	10.4	10.7	10.4	10.6	11.3	10.0	10.3	10.0	10.1	11.5	11.6	11.4	12.4	12.4	12.3	11.9	12.7	12.8	11.7	10.4	10.5	10.1	10.4	10.7	
Tampa, Fla.	6.3	5.7	5.5	6.4	5.8	6.2	6.3	7.0	7.7	8.8	9.9	10.8	10.7	11.3	11.2	11.2	10.8	9.7	7.3	6.8	6.4	6.7	6.8	8.0	
Tatoosh Island, Wash.	20.1	19.9	18.9	19.3	19.5	19.6	17.4	18.5	18.1	18.5	18.9	20.0	19.4	19.2	19.6	18.8	19.3	17.6	18.1	18.2	18.4	18.2	19.0	18.9	
Toledo, Ohio.	12.3	11.7	12.0	12.0	12.0	11.9	11.8	10.9	11.2	12.2	12.8	13.6	13.2	14.1	14.2	14.7	14.3	13.5	12.8	12.7	12.8	12.6	12.4	12.7	
Vicksburg, Miss.	8.8	8.1	7.5	7.0	6.8	7.1	7.3	7.7	8.3	8.2	8.2	9.2	9.9	10.4	10.3	9.9	9.7	8.9	8.3	8.2	8.1	8.3	8.3		
Vineyard Haven, Mass.	12.0	11.7	11.3	11.0	11.4	11.2	11.5	11.8	13.0	13.5	14.3	14.7	15.1	14.9	14.7	13.8	13.2	13.4	13.3	14.2	13.6	13.5	12.8	13.0	
Walla Walla, Wash.	6.7	7.1	7.1	7.5	7.6	8.2	7.0	7.1	7.0	6.9	7.4	7.7	8.2	9.2	9.1	9.6	9.9	9.6	8.4	7.5	6.3	6.2	6.7	7.7	
Washington, D. C.	8.4	8.7	8.5	8.6	8.2	8.8	8.8	9.0	10.1	11.2	12.2	11.7	12.4	11.8	12.3	11.6	11.4	10.1	9.5	9.1	9.0	8.7	9.0	9.9	
Wichita, Kans.	8.8	8.6	7.5	7.3	6.9	6.1	6.2	6.8	7.2	8.9	10.5	12.0	12.9	13.6	13.4	14.1	13.3	12.7	10.5	8.6	7.8	8.1	8.9	9.0	
Williston, N. Dak.	8.7	8.7	8.9	9.8	10.0	10.6	11.1	9.6	8.9	9.0	7.8	9.2	11.2	11.9	11.2	11.6	11.8	10.6	10.3	10.6	10.7	9.7	9.9	10.1	
Wilmington, N. C.	10.2	10.7	9.2	9.4	8.8	8.6	8.8	9.5	10.3	12.2	14.1	13.8	14.1	14.6	15.0	14.4	13.9	11.6	10.1	9.0	9.4	9.7	9.9	11.2	
Winnemucca, Nev.	9.7	9.2	9.0	10.0	10.4	9.6	9.7	8.9	9.5	9.9	10.3	10.7	10.8	12.0	11.4	12.6	13.1	12.4	11.4	8.9	9.0	9.0	9.2	10.4	
Woods Hole, Mass.	21.0	20.8	20.6	20.2	19.7	19.7	19.6	19.6	19.8	20.0	21.1	20.9	21.3	20.8	21.8	21.4	21.1	21.9	22.6	23.4	22.5	21.9	21.3	21.8	
Yuma, Ariz.	6.0	5.1	5.6	6.3	6.0	6.4	5.6	6.0	6.9	6.5	7.0	8.6	11.0	12.3	11.9	11.4	10.7	10.6	10.7	9.7	7.4	6.7	5.7	5.3	

TABLE VIII.—*Heights of rivers above low-water mark, February, 1896.*

\*To mouth of Mississippi River.

— To mouth of Ohio River.

**<sup>1</sup>River frozen.**

<sup>2</sup> Record for 26 days.

TABLE IX.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during February, 1896.

Stations.	Component direction from—				Resultant.		Stations.	Component direction from—				Resultant.								
	N.	S.	E.	W.	Direction from—	Duration.		N.	S.	E.	W.	Direction from—	Duration.							
<i>New England.</i>																				
Eastport, Me.	Hours.	Hours.	Hours.	Hours.	°	Hours.	Upper Lake Region—Cont'd.	Hours.	Hours.	Hours.	Hours.	°	Hours.							
Portland, Me.	20	11	13	23	n. 48 w.	14	Milwaukee, Wis.	18	12	6	33	n. 78 w.	28							
Northfield, Vt.	26	9	3	29	n. 57 w.	31	Greenbay, Wis.	16	23	5	23	s. 69 w.	19							
Boston, Mass.	24	20	3	18	n. 75 w.	16	Duluth, Minn.	24	12	5	33	n. 67 w.	30							
Nantucket, Mass.	17	8	9	32	n. 69 w.	25	<i>North Dakota.</i>													
Woods Hole, Mass.*	27	14	14	16	u. 9 w.	13	Moorhead, Minn.	30	17	5	14	n. 35 w.	16							
Block Island, R. I.	23	10	14	29	n. 49 w.	20	Bismarck, N. Dak.	29	11	9	24	n. 40 w.	23							
New Haven, Conn.	26	10	8	25	n. 47 w.	23	Williston, N. Dak.	16	18	12	23	s. 80 w.	11							
<i>Middle Atlantic States.</i>																				
Albany, N. Y.	23	17	3	22	n. 72 w.	20	St. Paul, Minn.	21	15	16	26	n. 63 w.	13							
New York, N. Y.	19	11	13	29	n. 63 w.	18	La Crosse, Wis.	24	19	5	17	n. 67 w.	13							
Harrisburg, Pa.	10	9	18	24	n. 80 w.	6	Davenport, Iowa	16	13	10	17	n. 67 w.	8							
Philadelphia, Pa.	27	9	12	21	n. 27 w.	20	Des Moines, Iowa	29	11	10	20	n. 29 w.	21							
Baltimore, Md.	24	11	12	21	n. 35 w.	16	Keokuk, Iowa	21	12	8	22	n. 57 w.	17							
Washington, D. C.	24	12	12	22	n. 36 w.	17	Cairo, Ill.	25	21	2	18	n. 76 w.	16							
Lynchburg, Va.	19	19	12	27	w.	15	Springfield, Ill.	21	15	4	30	n. 77 w.	27							
Norfolk, Va.	19	17	11	22	n. 80 w.	11	Hannibal Mo.	26	13	8	26	n. 54 w.	22							
<i>South Atlantic States.</i>																				
Charlotte, N. C.	12	28	12	20	s. 27 w.	18	St. Louis, Mo.	23	16	6	26	n. 71 w.	21							
Hatteras, N. C.	18	15	7	30	n. 83 w.	23	Columbia, Mo.*	13	6	4	13	n. 52 w.	11							
Kittyhawk, N. C.	17	18	11	27	s. 87 w.	16	Kansas City, Mo.	23	16	13	18	n. 36 w.	9							
Raleigh, N. C.	16	20	6	28	s. 80 w.	22	Springfield, Mo.	24	22	9	16	n. 74 w.	7							
Wilmington, N. C.	11	18	5	33	s. 76 w.	20	Omaha, Nebr.	27	13	8	23	n. 47 w.	20							
Charleston, S. C.	14	22	4	22	s. 74 w.	29	Sioux City, Iowa	13	10	8	8	n. 3	3							
Augusta, Ga.	13	20	5	17	s. 60 w.	14	Pierre, S. Dak.	23	9	18	23	n. 20 w.	15							
Savannah, Ga.	14	26	6	25	s. 58 w.	22	Huron, S. Dak.	21	15	18	18	n.	6							
Jacksonville, Fla.	11	25	10	27	s. 51 w.	22	<i>Northern Slope.</i>													
<i>Florida Peninsula.</i>																				
Jupiter, Fla.	18	18	11	21	w.	10	Havre, Mont.	15	15	10	35	w.	25							
Key West, Fla.	24	13	24	7	n. 57 e.	20	Miles City, Mont.	19	21	8	19	s. 80 w.	11							
Tampa, Fla.	18	12	14	22	n. 53 w.	10	Helena, Mont.	8	20	2	42	s. 73 w.	42							
<i>Eastern Gulf States.</i>																				
Atlanta, Ga.	16	17	9	33	s. 88 w.	24	Rapid City, S. Dak.	19	11	4	39	n. 77 w.	36							
Pensacola, Fla.	20	17	11	22	n. 75 w.	11	Cheyenne, Wyo.	32	3	2	36	n. 49 w.	45							
Mobile, Ala.	19	22	8	19	s. 75 w.	11	Lander, Wyo.	13	24	7	23	s. 62 w.	24							
Montgomery, Ala.	14	18	15	23	s. 63 w.	9	North Platte, Nebr.	15	14	6	40	n. 88 w.	34							
Meridian, Miss.	22	19	14	14	n.	3	<i>Middle Slope.</i>													
Vicksburg, Miss.	18	21	19	15	s. 53 e.	5	Denver, Colo.	15	25	14	20	s. 31 w.	12							
New Orleans, La.	15	23	13	18	s. 32 w.	9	Pueblo, Colo.	25	15	10	19	n. 42 w.	14							
<i>Western Gulf States.</i>																				
Shreveport, La.	18	18	21	18	e.	3	Concordia, Kans.	23	17	8	18	n. 59 w.	12							
Fort Smith, Ark.	21	6	21	17	n. 15 e.	16	Dodge City, Kans.	31	12	11	17	n. 18 w.	20							
Little Rock, Ark.	20	16	15	19	n. 45 w.	6	Wichita, Kans.	30	18	10	10	n.	12							
Corpus Christi, Tex.	18	23	16	16	s.	5	Oklahoma, Okla.	26	20	11	15	n. 34 w.	7							
Galveston, Tex.	16	20	16	22	s. 56 w.	7	<i>Southern Slope.</i>													
Palestine, Tex.	21	20	11	25	n. 86 w.	14	Abilene, Tex.	19	18	10	25	n. 86 w.	15							
San Antonio, Tex.	26	15	11	18	n. 32 w.	13	Amarillo, Tex.	22	19	4	20	n. 79 w.	16							
<i>Ohio Valley and Tennessee.</i>																				
Chattanooga, Tenn.	21	12	14	22	n. 42 w.	12	El Paso, Tex.	25	7	14	28	n. 36 w.	24							
Knoxville, Tenn.	20	12	11	23	n. 65 w.	19	Santa Fe, N. Mex.	30	13	19	11	n. 25 e.	19							
Memphis, Tenn.	17	16	19	20	n. 45 w.	1	Phoenix, Ariz.	1	35	8	22	s. 22 w.	37							
Nashville, Tenn.	20	21	12	22	s. 84 w.	10	Yuma, Ariz.	33	4	15	16	n. 2 w.	29							
Lexington, Ky.	11	24	9	26	s. 56 w.	23	Independence, Cal.	26	13	8	29	n. 59 w.	25							
Louisville, Ky.	13	26	7	24	s. 52 w.	22	<i>Middle Plateau.</i>													
Indianapolis, Ind.	17	21	11	24	s. 73 w.	14	Carson City, Nev.	24	8	13	18	n. 17 w.	17							
Cincinnati, Ohio.	18	22	12	22	s. 68 w.	13	Winnemucca, Nev.	17	21	16	19	n. 37 w.	5							
Columbus, Ohio.	13	24	12	23	s. 45 w.	16	Salt Lake City, Utah	17	16	18	20	n. 63 w.	2							
Pittsburgh, Pa.	13	25	6	24	s. 56 w.	22	<i>Northern Plateau.</i>													
Parkersburg, W. Va.	11	25	13	21	s. 30 w.	16	Baker City, Oreg.	18	24	16	12	s. 34 e.	7							
<i>Lower Lake Region.</i>																				
Buffalo, N. Y.	18	13	16	26	n. 63 w.	11	Idaho Falls, Idaho	15	34	2	14	s. 32 w.	22							
Oswego, N. Y.	16	22	15	17	s. 18 w.	6	Tatoosh Island, Wash.	7	37	12	12	s. 22 w.	30							
Rochester, N. Y.	15	21	9	26	s. 72 w.	20	Portland, Oreg.	12	29	15	14	s. 15 w.	27							
Erie, Pa.	15	19	8	27	s. 78 w.	19	Roseburg, Oreg.	14	20	17	22	s. 40 w.	8							
Cleveland, Ohio.	12	21	15	23	s. 38 w.	11	<i>Middle Pacific Coast Region.</i>													
Sandusky, Ohio.	19	10	11	30	s. 65 w.	21	Eureka, Cal.	19	18	13	23	n. 84 w.	10							
Toledo, Ohio.	15	9	12	31	n. 72 w.	20	Redbluff, Cal.	31	13	7	24	n. 48 w.	25							
Detroit, Mich.	15	13	16	29	n. 81 w.	13	Sacramento, Cal.	31	15	9	20	n. 34 w.	19							
<i>Upper Lake Region.</i>																				
Alpena, Mich.	19	12	10	33	n. 73 w.	24	San Francisco, Cal.	18	10	8	32	n. 72 w.	25							
Grand Haven, Mich.	25	11	15	22	n. 27 w.	16	<i>South Pacific Coast Region.</i>													
Marquette, Mich.	22	14	6	27	n. 69 w.	23	Fresno, Cal.	22	4	14	23	n. 38 w.	23							
Port Huron, Mich.	15	21	10	21	s. 61 w.	12	Los Angeles, Cal.	26	2	18	24	n. 14 w.	25							
Sault Ste. Marie, Mich.	23	16	22	18	n. 30 e.	8	San Diego, Cal.	31	7	17	23	n. 14 w.	25							
Chicago, Ill.	22	11	6	29	n. 64 w.	26	San Luis Obispo, Cal.	34	8	5	18	n. 27 w.	29							

\* From observations at 8 p. m. only.

TABLE X.—*Thunderstorms and auroras, February, 1896.*

States.	No. of stations.	Total.																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	No. Days.			
Alabama.....	50	T. A.	1					10			1						2																21	7	T. A.
Arizona.....	42	T. A.										1																				2	2	T. A.	
Arkansas.....	47	T. A.									1																					6	4	T. A.	
California.....	202	T. A.		1																												4	3	T. A.	
Colorado.....	82	T. A.																													0	3	1	T. A.	
Connecticut.....	22	T. A.							1																						2	2	T. A.		
Delaware.....	6	T. A.								1																					3	3	T. A.		
Dist. of Columbia	4	T. A.								1																					1	0	1	T. A.	
Florida.....	38	T. A.		2				2	3		3							1												1	8	5	T. A.		
Georgia.....	38	T. A.		1		10	2	1	3	1							1												2	2	1	T. A.			
Idaho.....	34	T. A.																													4	3	3	T. A.	
Illinois.....	97	T. A.		1						1	1						1												6	4	3	T. A.			
Indiana.....	46	T. A.																1												3	3	0	T. A.		
Indian Territory.	8	T. A.																												1	1	1	A. T.		
Iowa.....	96	T. A.																												0	0	0	A. T.		
Kansas.....	82	T. A.	1	1						1							2		1										2	6	6	A. T.			
Kentucky.....	39	T. A.	1	1													1												1	3	3	A. T.			
Louisiana.....	47	T. A.	4	1		5	12	1	2								1	5	1										1	3	10	T. A.			
Maine.....	16	T. A.									2		3		4		4												0	2	1	T. A.			
Maryland.....	42	T. A.	1						4								1		1										1	3	2	A. T.			
Massachusetts...	81	T. A.									1						2													2	1	1	A. T.		
Michigan.....	80	T. A.		1							1							1											0	3	3	A. T.			
Minnesota.....	70	T. A.								1	1	2	2				2	1		2	1							0	0	8	A. T.				
Mississippi.....	47	T. A.	6	1		4	8		1								1											1	7	0	A. T.				
Missouri.....	96	T. A.															2												5	1	0	A. T.			
Montana.....	39	T. A.																											1	1	1	T. A.			
Nebraska.....	126	T. A.								3		5	1				2	1										13	6	0	T. A.				
Nevada.....	54	T. A.		1	1		1																					0	1	1	A. T.				
New Hampshire.	24	T. A.							1								2												0	9	7	A. T.			
New Jersey.....	52	T. A.								10								1											25	1	1	A. T.			
New Mexico.....	34	T. A.								1																			1	1	1	T. A.			
New York.....	90	T. A.		1																									3	1	1	T. A.			
North Carolina..	52	T. A.	1	3		3	12	11		2																		35	7	2	A. T.				
North Dakota ..	36	T. A.															2	2	1									2	6	0	T. A.				
Ohio.....	134	T. A.																											10	2	1	T. A.			
Oklahoma.....	20	T. A.																											0	1	1	A. T.			
Oregon.....	63	T. A.	1																										4	0	4	A. T.			
Pennsylvania....	100	T. A.									8							1											21	1	1	A. T.			
Rhode Island....	8	T. A.																											1	1	1	T. A.			
South Carolina...	38	T. A.		2		1	7	5		4																		20	6	0	T. A.				
South Dakota....	46	T. A.																											0	0	0	T. A.			
Tennessee.....	47	T. A.							1								1	1	1									5	6	2	A. T.				
Texas.....	85	T. A.	6	1			1										1	1	1									2	8	2	A. T.				
Utah.....	34	T. A.															2	1											16	0	9	A. T.			
Vermont.....	16	T. A.															1		1	1								1	0	1	A. T.				
Virginia.....	37	T. A.							1	5								1		1	1							3	9	3	A. T.				
Washington.....	47	T. A.																											1	0	1	T. A.			
West Virginia...	38	T. A.																											0	0	0	T. A.			
Wisconsin.....	58	T. A.															2	2	1	1								9	7	0	A. T.				
Wyoming.....	13	T. A.																											0	0	0	A. T.			
Sums .....	2,705	T. A.	20 1	13 4	1 7	14 2	64 6	52 2	3 2	16 18	1 10	0 9	1 4	7 10	11 6	1 12	0 4	0 4	0 1	0 0	2 3	2 2	0 1	4 2	2 0	3 0	1 1	6 1	20 1	93 1	15 0	352 114	...	T. A.	

TABLE XI.—Hourly sunshine as deduced from sunshine recorders, February, 1896.

Stations.	Instrument.	Percentages for each hour of local mean time ending with the respective hour.														Monthly summary.				
		A. M.							P. M.							Instrumental record.				
		5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	Actual.	Possible.	Percent of possible.
Atlanta, Ga.	T.	38	34	52	67	70	72	78	79	72	70	58	45	...	201.3	318.5	63	57		
Baltimore, Md.	T.	39	32	35	41	53	57	50	47	43	48	44	47	...	140.6	312.1	45	40		
Bismarck, N. Dak.	P.	33	33	43	46	55	55	49	55	54	47	40	34	...	141.6	299.8	47	49		
Boston, Mass.	T.	52	45	46	44	51	61	62	64	56	56	54	53	...	166.6	307.7	54	48		
Buffalo, N. Y.	T.	47	10	30	37	45	52	52	48	43	36	17	13	...	166.4	306.6	35	19		
Chicago, Ill.	T.	15	24	49	63	69	75	69	62	56	47	37	52	...	168.2	307.7	55	47		
Cincinnati, Ohio	T.	52	42	43	46	54	62	61	61	54	33	27	30	...	147.9	312.1	47	39		
Cleveland, Ohio	P.	48	22	31	34	36	34	35	33	33	20	8	6	...	84.4	307.7	27	27		
Columbus, Ohio	T.	26	19	33	38	51	52	55	51	43	31	16	15	...	116.2	311.0	37	29		
Denver, Colo.	P.	26	23	73	79	73	71	73	79	73	71	76	67	...	230.2	311.0	74	57		
Des Moines, Iowa	T.	73	51	49	61	70	72	69	68	69	57	55	55	...	190.9	307.7	62	44		
Detroit, Mich.	T.	36	30	26	45	52	47	56	52	42	31	25	28	...	123.2	307.7	40	33		
Dodge City, Kans.	P.	74	76	79	79	81	79	76	73	73	68	66	66	...	234.7	313.7	75	68		
Eastport, Me.	P.	42	37	31	39	47	35	32	41	37	38	38	40	...	113.6	303.0	37	33		
Eureka, Cal.	P.	13	41	48	57	61	72	76	73	68	63	50	33	...	183.5	309.7	50	52		
Galveston, Tex.	P.	30	49	53	57	64	61	61	62	58	55	58	52	...	182.9	324.7	56	57		
Helena, Mont.	P.	17	37	39	48	53	48	43	52	56	47	47	47	...	140.3	299.8	47	47		
Independence, Cal.	T.	81	81	90	93	98	100	99	97	92	87	86	86	...	288.9	314.8	92	79		
Kansas City, Mo.	P.	65	46	51	52	56	55	51	53	49	41	33	52	...	153.4	312.1	49	48		
Little Rock, Ark.	T.	62	54	62	69	74	75	73	73	63	63	58	59	...	208.9	317.2	66	51		
Louisville, Ky.	T.	31	33	42	46	56	57	53	46	48	41	44	50	...	145.8	313.7	46	41		
New Orleans, La.	T.	49	40	51	59	63	65	61	62	64	63	56	56	...	186.1	323.6	58	57		
New York, N. Y.	T.	11	27	41	55	59	64	66	60	55	50	43	29	...	156.0	309.7	50	40		
Northfield, Vt.	P.	44	26	27	44	44	42	34	36	36	34	29	31	...	106.9	305.0	35	34		
Philadelphia, Pa.	T.	38	44	49	61	62	67	68	63	61	51	47	46	...	175.5	311.0	56	43		
Phoenix, Ariz.	P.	91	89	96	95	94	95	91	89	84	80	74	62	...	278.2	319.8	87	70		
Portland, Me.	T.	11	17	48	49	61	67	62	64	60	59	52	39	...	162.2	305.0	53	43		
Portland, Oreg.	T.	5	17	19	21	29	41	48	49	37	28	18	16	...	90.3	301.5	30	37		
Do.	P.	5	17	20	24	29	38	42	40	37	31	19	16	...	86.9	301.5	29	37		
Rochester, N. Y.	T.	10	8	29	55	70	78	75	69	66	55	41	27	...	162.7	306.6	53	33		
St. Louis, Mo.	T.	28	25	35	49	54	63	67	60	57	51	42	44	...	156.4	312.1	50	39		
Salt Lake City, Utah	P.	55	53	55	63	69	64	66	71	68	62	60	62	...	194.9	309.7	63	43		
San Diego, Cal.	P.	51	62	57	84	90	90	89	82	79	79	77	68	...	250.8	319.8	78	71		
San Francisco, Cal.	T.	0	15	63	77	85	95	98	97	94	75	64	21	...	291.3	313.7	74	73		
Santa Fe, N. Mex.	P.	69	65	72	80	80	81	87	80	74	75	58	41	...	230.6	316.4	73	63		
Savannah, Ga.	P.	48	48	50	62	71	75	81	84	82	70	60	59	...	215.7	321.3	67	53		
Vicksburg, Miss.	T.	46	46	53	57	62	61	63	58	56	50	53	57	...	178.7	321.3	56	52		
Washington, D. C.	P.	48	42	42	54	51	47	47	49	55	47	49	52	...	151.2	312.1	48	55		
Wilmington, N. C.	T.	32	31	49	64	76	79	76	76	73	70	53	39	...	198.7	318.5	62	55		

TABLE XII.—Maximum rainfall in one hour or less, February, 1896.

Stations.	Maximum rainfall in—						Stations.	Maximum rainfall in—					
	5 min.	Date.	10 min.	Date.	1 hour.	Date.		Inch.	Date.	Inch.	Date.	Inch.	Date.
Atlanta, Ga.	0.03	13	Inch. 0.04	13	Inch. 0.17	13	Milwaukee, Wis.*	0.05	13	0.05	13	0.15	13
Bismarck, N. Dak.*	0.05	6	0.10	6	0.39	6	Nantucket, Mass.*	0.06	13	0.08	13	0.27	2
Boston, Mass.	0.05	10	0.32	10	0.36	10	Nashville, Tenn.	0.30	13	0.38	13	0.87	13
Buffalo, N. Y.	0.16	10	0.32	10	0.36	10	New Orleans, La.	0.32	7	0.36	7	0.54	7
Chicago, Ill.*	0.02	2	0.04	2	0.11	2	Norfolk, Va.	0.11	29	0.16	29	0.38	29
Cincinnati, Ohio	0.02	2	0.04	2	0.11	2	Omaha, Nebr.*	0.11	6	0.16	6	0.53	6
Cleveland, Ohio*	0.01	3	0.02	3	0.08	3	Philadelphia, Pa.	0.06	6	0.10	6	0.46	6
Denver, Colo.*	0.01	3	0.02	3	0.08	3	Portland, Me.*	0.03	25	0.06	25	0.27	25
Detroit, Mich.*	0.01	3	0.02	3	0.08	3	Portland, Oreg.	0.02	1	0.03	1	0.12	1
Dodge City, Kans.	0.01	3	0.02	3	0.08	3	Rochester, N. Y.*	0.02	12	0.06	12	0.25	12
Duluth, Minn.*	0.02	6	0.03	6	0.14	6	St. Louis, Mo.	0.03	17	0.02	17	0.04	17
Eastport, Me.*	0.02	6	0.03	6	0.14	6	St. Paul, Minn.	0.01	17	0.02	17	0.04	17
Galveston, Tex.	0.11	24	0.20	24	0.66	24	Salt Lake City, Utah*	0.08	8	0.11	8	0.37	8
Indianapolis, Ind.	0.06	13	0.07	13	0.17	13	Seattle, Wash.	0.05	25	0.10	25	0.32	25
Jacksonville, Fla.	0.12	16	0.15	6	0.18	6	Vicksburg, Miss.	0.10	13	0.17	13	0.47	13
Jupiter, Fla.	0.15	6	0.18	6	0.27	15	Washington, D. C.	0.04	7	0.08	7	0.30	7
Kansas City, Mo.	0.03	12	0.06	12	0.10	12	Wilmington, N. C.	0.10	5	0.15	5	0.60	5
Key West, Fla.	0.20	28	0.34	28	0.49	28							
Little Rock, Ark.	0.05	12	0.10	12	0.40	12							
Louisville, Ky.*	0.05	12	0.10	12	0.20	12							
Memphis, Tenn.*	0.05	12	0.10	12	0.20	12							

\* Record incomplete on account of snow and other causes.

† Less than 0.05 in 1 hour.

TABLE XIII.—*Excessive precipitation, by stations, for February, 1896.*

Stations.	Monthly rainfall 10 inches, or more. <i>Inches.</i>	Rainfall 2.50 inches, or more, in 24 hours. <i>Inches.</i>		Rainfall of 1 inch, or more, in one hour. <i>Inches.</i>		
		Amt.	Day.	Amt.	Time.	Day.
Alabama.						
Alco.	12.68	7.74	5	Ins.	h.m.	
Do.	.....	2.60	5	.....	.....	
Bermuda	.....	3.90	5	.....	.....	
Brewton	13.40	8.80	5	.....	.....	
Collinwood	.....	3.00	5	.....	.....	
Elba	.....	4.03	5	.....	.....	
Evergreen	.....	5.07	5-6	.....	.....	
Florence a	.....	2.73	*	.....	.....	
Florence b	.....	3.31	*	.....	.....	
Highland Home	.....	3.01	5-6	.....	.....	
Marion	.....	3.00	5-6	.....	.....	
Mobile	.....	2.50	5-6	1.38	1 00	5
Do.	.....	3.14	7-8	.....	.....	
Montgomery	.....	2.61	5	.....	.....	
Mount Willing	.....	3.33	5	.....	.....	
Newburg	10.80	5.69	1-2	.....	.....	
Pushmataha	.....	2.78	5	.....	.....	
Selma	.....	2.70	5-6	.....	.....	
Tallassee Falls	.....	2.70	5-6	.....	.....	
Union Springs	.....	2.98	5	.....	.....	
Uniontown	.....	2.63	5	.....	.....	
Wetumpka	.....	2.85	5-6	.....	.....	
Arkansas.						
Arkansas City	2.50	5	.....	.....	.....	
Helena a	3.80	*	.....	.....	.....	
Crescent City	2.91	27-28	.....	.....	.....	
Connecticut.						
Bridgeport	3.00	28-29	.....	.....	.....	
Canfon	3.06	6	.....	.....	.....	
Do.	3.85	29	.....	.....	.....	
Colchester	2.90	3-4	.....	.....	.....	
Do.	4.60	*	.....	.....	.....	
Greenfield Hill	3.30	29	.....	.....	.....	
Middletown	2.86	29	.....	.....	.....	
North Grosvenor Dale	3.60	29	.....	.....	.....	
Norwalk	2.66	3-9	.....	.....	.....	
South Manchester	2.50	5-6	.....	.....	.....	
Do.	2.62	29	.....	.....	.....	
Storrs	2.65	29	.....	.....	.....	
Wallingford	4.00	29	.....	.....	.....	
Waterbury	3.70	6	.....	.....	.....	
Do.	3.40	29	.....	.....	.....	
West Simsbury	3.33	29	.....	.....	.....	
Delaware.						
Dover	3.25	5-6	.....	.....	.....	
Millsboro	3.25	5-6	.....	.....	.....	
Newark	3.65	5-6	.....	.....	.....	
Seaford	3.70	5-6	.....	.....	.....	
Wilmington	2.67	6	.....	.....	.....	
Florida.						
Kissimmee	4.30	28	.....	.....	.....	
Georgia.						
Albany	4.24	5-6	.....	.....	.....	
Augusta	2.66	5-6	.....	.....	.....	
Blakely	3.72	5	.....	.....	.....	
Columbus	3.13	5	.....	.....	.....	
Dublin	3.22	5	.....	.....	.....	
Hephzibah	3.00	5	.....	.....	.....	
Louisville	3.33	5-6	.....	.....	.....	
Macon	2.82	5-6	.....	.....	.....	
Marshallville	3.40	5	.....	.....	.....	
Milledgeville	2.85	5-6	.....	.....	.....	
Millen	3.35	5-6	.....	.....	.....	
Do.	2.63	8-9	.....	.....	.....	
Morgan	3.46	5	.....	.....	.....	
Poulan	4.62	5	.....	.....	.....	
Resaca	2.78	5-6	.....	.....	.....	
Reynolds	3.15	5-6	.....	.....	.....	
Talbotton	3.28	4-5	.....	.....	.....	
Louisiana.						
Alexandria	14.11	7.46	1-2	.....	.....	
Cheneville	.....	5.00	1-2	.....	.....	
Davis	.....	3.10	1	.....	.....	
Lake Charles	2.75	1	.....	.....	.....	
Lake Providence	4.31	1-2	1	.....	.....	
Melville	3.50	1	.....	.....	.....	
Oak Ridge	2.78	2	.....	.....	.....	
Oberlin	10.70	5.00	1	.....	.....	
Oxford	2.64	1-2	1	.....	.....	
Sugartown	11.78	5.82	1	.....	.....	
Thibodeaux	.....	1.04	1 00	12	.....	
Trinity	3.73	1	.....	.....	.....	
Wallace	2.50	5	.....	.....	.....	
White Sulphur Springs	12.28	4.75	1	.....	.....	
Maine.						
Bar Harbor	2.70	6-7	.....	.....	.....	
Cornish	4.12	6-7	.....	.....	.....	
North Bridgeton	2.81	7	.....	.....	.....	
Maryland.						
Bachmans Valley	3.42	5-6	.....	.....	.....	
Baltimore	3.48	5-6	.....	.....	.....	
Cambridge	4.00	5-6	.....	.....	.....	
Easton	3.06	5-6	.....	.....	.....	
Fallston	2.96	5-6	.....	.....	.....	
Frederick	2.50	6	.....	.....	.....	
Jewell	2.52	5-6	.....	.....	.....	
Mardela Springs	3.00	5-6	.....	.....	.....	
Mount St. Marys College	2.96	6	.....	.....	.....	
Pocomoke City	3.21	5-6	.....	.....	.....	

TABLE XIII.—*Excessive precipitation—Continued.*

Stations.	Monthly rainfall 10 inches, or more. <i>Inches.</i>	Rainfall 2.50 inches, or more, in 24 hours. <i>Inches.</i>		Rainfall of 1 inch, or more, in one hour. <i>Inches.</i>		
		Amt.	Day.	Amt.	Time.	Day.
Maryland—Cont'd.						
Princess Anne	3.80	5-6		.....	.....	
Solomons	3.75	5-6		.....	.....	
Upper Marlboro	3.45	6		.....	.....	
Westminster	3.80	6		.....	.....	
Massachusetts.						
Clinton	2.65	29		.....	.....	
Fiske Dale	2.81	29		.....	.....	
Fitchburg a	3.06	6		.....	.....	
Fitchburg b	3.11	6		.....	.....	
Leicester Hill	2.59	6		.....	.....	
Leominster	2.50	6		.....	.....	
Natick	3.25	6		.....	.....	
Do.	3.28	+		.....	.....	
Quinapoxet	3.18	29		.....	.....	
South Clinton	2.84	+		.....	.....	
Sterling	2.68	+		.....	.....	
Mississippi.						
Agricultural College	4.08	2		.....	.....	
Canton	12.73	6.16	1	.....	.....	
Columbus	4.52	1-2		.....	.....	
Crystal Springs	11.79	6.35	1	.....	.....	
Edwards	12.04	6.13	1-2	.....	.....	
Fayette	12.36	6.58	1-2	.....	.....	
French Camps	11.39	7.09	1-2	.....	.....	
Fulton	4.50	1-2		.....	.....	
Jackson	12.74	7.23	1-2	.....	.....	
Leakesville	2.83	3		.....	.....	
Louisville	12.94	6.30	1-2	.....	.....	
Do.	2.77	4-5		.....	.....	
Moss Point	2.85	7-8		.....	.....	
Natchez	5.50	1-2		.....	.....	
Okalona	5.55	1-2		.....	.....	
Palo Alto	12.49	5.33	1-2	.....	.....	
Port Gibson	12.64	7.28	1-2	.....	.....	
Thornton	5.00	1-2		.....	.....	
Vaden	10.52	3.18	1-2	.....	.....	
Vicksburg	10.13	3.59	1-2	.....	.....	
Woodville	2.85	2		.....	.....	
New Hampshire.						
Belmont	2.55	6-7		.....	.....	
Brookline	3.00	6		.....	.....	
Lakeport	3.03	6		.....	.....	
Newton	2.72	6		.....	.....	
Peterboro	2.63	6		.....	.....	
New Jersey.						
Ashbury Park	2.71	6		.....	.....	
Bayonne	2.52	6		.....	.....	
Belvidere	2.94	6		.....	.....	
Beverly	2.80	6		.....	.....	
Billingsport	4.38	6		.....	.....	
Boonton	3.29	6		.....	.....	
Bridgeton	4.40	5-6		.....	.....	
Camden	4.16	6		.....	.....	
Charlottesville	10.09	4.98	6-7	.....	.....	
Do.	2.90	28-29		.....	.....	
Chester	3.80	6-7		.....	.....	
Dover	4.16	6		.....	.....	
Egg Harbor City	2.78	6		.....	.....	
Elizabeth	3.68	6		.....	.....	
Englewood	2.99	6		.....	.....	
Franklin Furnace	3.23	6-7		.....	.....	
Freehold	3.08	6		.....	.....	
Friesburg	3.77	6		.....	.....	
Gillette	3.00	6		.....	.....	
Highstown	3.02	6		.....	.....	
Imlaystown	3.14	5-6		.....	.....	
Junction	3.14	6		.....	.....	
Millville	2.69	6		.....	.....	
Moorestown	3.30	5-6		.....	.....	
Newark a	3.04	6		.....	.....	
Newark b	2.84	6		.....	.....	
New Brunswick a	2.91	6-7		.....	.....	
New Brunswick b	2.67	6-7		.....	.....	
Ocean City	2.60	29		.....	.....	
Do.	2.51	29		.....	.....	
Paterson	3.31	6		.....	.....	
Plainfield	3.60	6		.....	.....	
Rancocas	2.75	6		.....	.....	
Rivervale	2.70	28-29		.....	.....	
Somersville	3.32	6-7		.....	.....	
South Orange	3.98	6		.....	.....	
Toms River	2.76	6		.....	.....	
Vineland	2.73	5-6		.....	.....	
New York.						
Bedford	3.25	5-6		.....	.....	
Do.	3.98	29		.....	.....	
Middletown	3.80	5-6		.....	.....	
Manhattan Beach	2.80	5-6		.....	.....	
Mohonk Lake	2.75	6		.....	.....	
Port Jervis	2.55	6		.....	.....	
Willets Point	2.95	6		.....	.....	
Do.	3.66	28-29		.....	.....	
North Carolina.						
Currituck Inlet	3.30	6		.....	.....	
Experimental Farm	2.88	6		.....	.....	
Falkland	3.50	5-6		.....	.....	
Payetteville	2.81	6		.....	.....	
Henderson	3.80	5-6		.....	.....	
Kittyhawk	3.50	5-6		.....	.....	

TABLE XIII.—*Excessive precipitation—Continued.*

Stations.	Monthly rainfall 10 inches, or more.		Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.	
	Amt.	Day.	Amt.	Time.	Amt.	Day.
<i>North Carolina—Cont'd.</i>						
Louisburg	2.78	5-6	Inches.	Inches.	Inch.	h.m.
Lumberton	2.55	5-6				
Moncure	2.76	5-6				
Oakridge	5.20	5-6				
Pittsboro	2.54	5-6				
Raleigh	2.95	5-6				
Rockingham	3.90	5-6				
Seilma	4.30	5-6				
Southport	3.09	8-9				
Tarboro	2.78	5-6				
Weldon	3.06	5-6				
<i>Ohio.</i>						
North Lewisburg	2.50	9				
<i>Oregon.</i>						
Astoria	10.48					
Cascade Locks	11.18					
Glenora	19.34					
Nehalem	15.12	2.80	4			
Do.	2.75	23				
Salmon	14.16	2.65	5			
<i>Pennsylvania.</i>						
Bethlehem	3.24	6				
Blooming Grove	3.31	6				
Browers Lock	4.01	6				
Carlisle	2.50	6				
Coatesville	3.00	5-6				
Coopersburg	3.47	6				
Doylestown	4.45	5-6				
East Mauch Chunk	2.56	6				
Easton	3.74	6				
Forks of Neshaminy	5.49	5-6				
Frederick	3.20	5-6				
Girardville	2.67	6				
Kennett Square	3.46	6				
Lansdale	4.32	5-6				
Lebanon	3.05	6				
Nisbet	2.82	5-6				
Ottsville	3.60	5-6				
Philadelphia	3.86	5-6				
Point Pleasant	4.79	5-6				
Pottstown	3.40	6				
Quakertown	4.11	6				
Salem Corners	3.25	6-7				
Seisholtzville	2.84	5-6				
Smiths Corners	4.54	5-6				
Swarthmore	4.00	6				
Wellsboro	2.94	6				
West Chester	3.88	6				
Westtown	4.58	6				
<i>South Carolina.</i>						
Allendale	2.62	8				
Batesburg	2.60	5-6				
Blackville	3.40	6				
Do.	2.85	8				
Camden	2.94	5-6				
Columbia	3.83	5-6				

TABLE XIII.—*Excessive precipitation—Continued.*

Stations.	Monthly rainfall 10 inches, or more.		Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.	
	Amt.	Day.	Amt.	Day.	Amt.	Day.
<i>South Carolina—Cont'd.</i>						
Conway	3.00	*				
Darlington (near)	3.26	5-6				
Edisto	3.10	5				
Do.	2.55	8				
Effingham	2.71	5-6				
Georgetown	3.50	8				
Kingstree <sup>a</sup>	2.60	8				
Little Mountain	2.77	5				
Pinopolis	3.05	5-6				
Do.	4.09	8				
St. Georges	3.00	5-6				
Do.	2.53	8				
St. Matthews	3.08	5-6				
St. Stephens	2.85	5-6				
Do.	3.50	8-9				
Shaws Fork	4.50	6-7				
Smiths Mills	3.30	8				
Statesburg	3.60	5-6				
Trenton	3.81	5-6				
Trial	2.80	8				
<i>Tennessee.</i>						
Lynnville	4.10	*				
McMinnville	3.20	*				
Palmetto	2.92	*				
St. Joseph	4.53	*				
<i>Texas.</i>						
Angleton	3.10	1				
Cuero	4.24	24				
Golindo	3.10	33				
Hallettsville	2.85	1				
Houston	4.81	1				
Marshall	13.10					
Runge	3.44	23				
Stafford	4.23	1				
<i>Vermont.</i>						
Jacksonville	3.00	6-7				
<i>Virginia.</i>						
Birdsnest	3.20	6-7				
Callaville	3.89	5-6				
Cape Henry	4.23	5-6				
Petersburg	2.51	5-6				
Spottswood	3.72	5-6				
Sunbeam	3.98	5-6				
<i>Washington.</i>						
Aberdeen	13.10					
Cascade Tunnel	16.70	2.80	28			
East Clallam	14.34	3.00	24-25			
Monte Cristo	15.36	2.62	28			
Neah Bay	17.50					
Pysht	11.39	2.75	24-25			
Queets	17.11					
South Bend	14.17					
Tatoosh Island	13.63					

\*January 31 to February 1.

† February 29 to March 1.